

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF021218\
 Data File : BF102907.D
 Acq On : 12 Feb 2018 9:09
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 2/13/2018 1:34:12 PM

Quant Time: Feb 13 13:23:21 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	147997	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	639995	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	298051	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	534777	20.00	ng	0.00
75) Chrysene-d12	14.06	240	407642	20.00	ng	0.00
86) Perylene-d12	15.54	264	362747	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	778870	79.92	ng	0.00
7) Phenol-d6	6.51	99	947150	80.72	ng	0.00
23) Nitrobenzene-d5	7.45	82	876542	95.01	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	207345	86.43	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1370373	76.29	ng	0.00
78) Terphenyl-d14	13.00	244	1247205	72.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	203605	42.300	ng	89
3) Pyridine	3.42	79	573936	43.158	ng	93
4) n-Nitrosodimethylamine	3.36	42	245983	43.232	ng	88
6) Aniline	6.55	93	699978	40.395	ng	97
8) 2-Chlorophenol	6.67	128	400944	39.963	ng	94
9) Benzaldehyde	6.44	77	326637	37.485	ng	98
10) Phenol	6.52	94	515304	40.978	ng	94
11) bis(2-Chloroethyl)ether	6.62	93	418311	39.977	ng	93
12) 1,3-Dichlorobenzene	6.83	146	454124	39.088	ng	99
13) 1,4-Dichlorobenzene	6.90	146	454145	39.241	ng	99
14) 1,2-Dichlorobenzene	7.06	146	419690	38.934	ng	97
15) Benzyl Alcohol	7.02	79	382129	42.358	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	740724	37.265	ng	99
17) 2-Methylphenol	7.13	107	365727	39.520	ng	97
18) Hexachloroethane	7.40	117	167065	42.096	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	303331	39.208	ng	95
20) 3+4-Methylphenols	7.29	107	447943	39.251	ng	# 86
22) Acetophenone	7.29	105	579059	36.974	ng	# 89
24) Nitrobenzene	7.47	77	482692	44.478	ng	98
25) Isophorone	7.70	82	836573	39.380	ng	97
26) 2-Nitrophenol	7.78	139	226763	50.346	ng	92
27) 2,4-Dimethylphenol	7.82	122	328470	36.598	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	490740	38.995	ng	99
29) 2,4-Dichlorophenol	8.02	162	324346	39.754	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	346605	37.552	ng	100
31) Naphthalene	8.19	128	1189750	38.049	ng	99
32) Benzoic acid	7.93	122	250789m	41.849	ng	
33) 4-Chloroaniline	8.24	127	521100	38.685	ng	99
34) Hexachlorobutadiene	8.30	225	180503	38.164	ng	97
35) Caprolactam	8.61	113	123439	43.565	ng	# 72
36) 4-Chloro-3-methylphenol	8.72	107	378349	41.272	ng	99
37) 2-Methylnaphthalene	8.88	142	768559	37.542	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	308255	37.984	ng	97
40) Hexachlorocyclopentadiene	9.03	237	135244	35.056	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	216205	40.561	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	241925	40.268	ng	98
45) 1,1'-Biphenyl	9.35	154	940317	37.457	ng	99
46) 2-Chloronaphthalene	9.37	162	748471	37.871	ng	98
47) 2-Nitroaniline	9.47	65	298192	48.830	ng	91
48) Acenaphthylene	9.79	152	1170236	38.123	ng	99
49) Dimethylphthalate	9.65	163	901758	38.803	ng	100
50) 2,6-Dinitrotoluene	9.71	165	196820	44.515	ng	96
51) Acenaphthene	9.96	154	712613	38.819	ng	99
52) 3-Nitroaniline	9.88	138	250001	45.954	ng	98
53) 2,4-Dinitrophenol	9.98	184	62385	54.643	ng	# 17
54) Dibenzofuran	10.13	168	982450	37.976	ng	97
55) 4-Nitrophenol	10.03	139	169660	40.064	ng	93
56) 2,4-Dinitrotoluene	10.11	165	267218	45.252	ng	# 89
57) Fluorene	10.47	166	758581	40.301	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	172829	41.506	ng	97
59) Diethylphthalate	10.34	149	893600	38.942	ng	100
60) 4-Chlorophenyl-phenylether	10.46	204	335998	40.352	ng	98
61) 4-Nitroaniline	10.49	138	249356	48.154	ng	97
62) Azobenzene	10.63	77	931722	40.644	ng	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	120047	52.292	ng	92
65) n-Nitrosodiphenylamine	10.59	169	698809	37.046	ng	98
66) 4-Bromophenyl-phenylether	10.96	248	211056	37.309	ng	93
67) Hexachlorobenzene	11.02	284	231719	37.130	ng	98
68) Atrazine	11.11	200	218403	39.247	ng	99
69) Pentachlorophenol	11.22	266	132727	36.231	ng	99
70) Phenanthrene	11.44	178	1106155	37.140	ng	99
71) Anthracene	11.49	178	1123206	37.078	ng	99
72) Carbazole	11.64	167	1136026	38.279	ng	99
73) Di-n-butylphthalate	11.97	149	1452008	40.277	ng	99
74) Fluoranthene	12.63	202	1138903	38.007	ng	98
76) Benzidine	12.75	184	894978	47.770	ng	99
77) Pyrene	12.86	202	1185213	37.078	ng	99
79) Butylbenzylphthalate	13.47	149	635764	41.717	ng	98
80) Benzo(a)anthracene	14.04	228	1006331	39.253	ng	99
81) 3,3'-Dichlorobenzidine	14.01	252	388421	40.863	ng	97
82) Chrysene	14.09	228	987603	38.215	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	872964	44.581	ng	# 100
84) Di-n-octyl phthalate	14.64	149	1335926	45.436	ng	97
85) Indeno(1,2,3-cd)pyrene	17.04	276	767264	35.797	ng	98
87) Benzo(b)fluoranthene	15.10	252	884881	37.625	ng	98
88) Benzo(k)fluoranthene	15.13	252	924355	41.135	ng	100
89) Benzo(a)pyrene	15.48	252	815600	38.528	ng	97
90) Dibenzo(a,h)anthracene	17.06	278	647193	37.666	ng	98
91) Benzo(g,h,i)perylene	17.50	276	643358	38.254	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

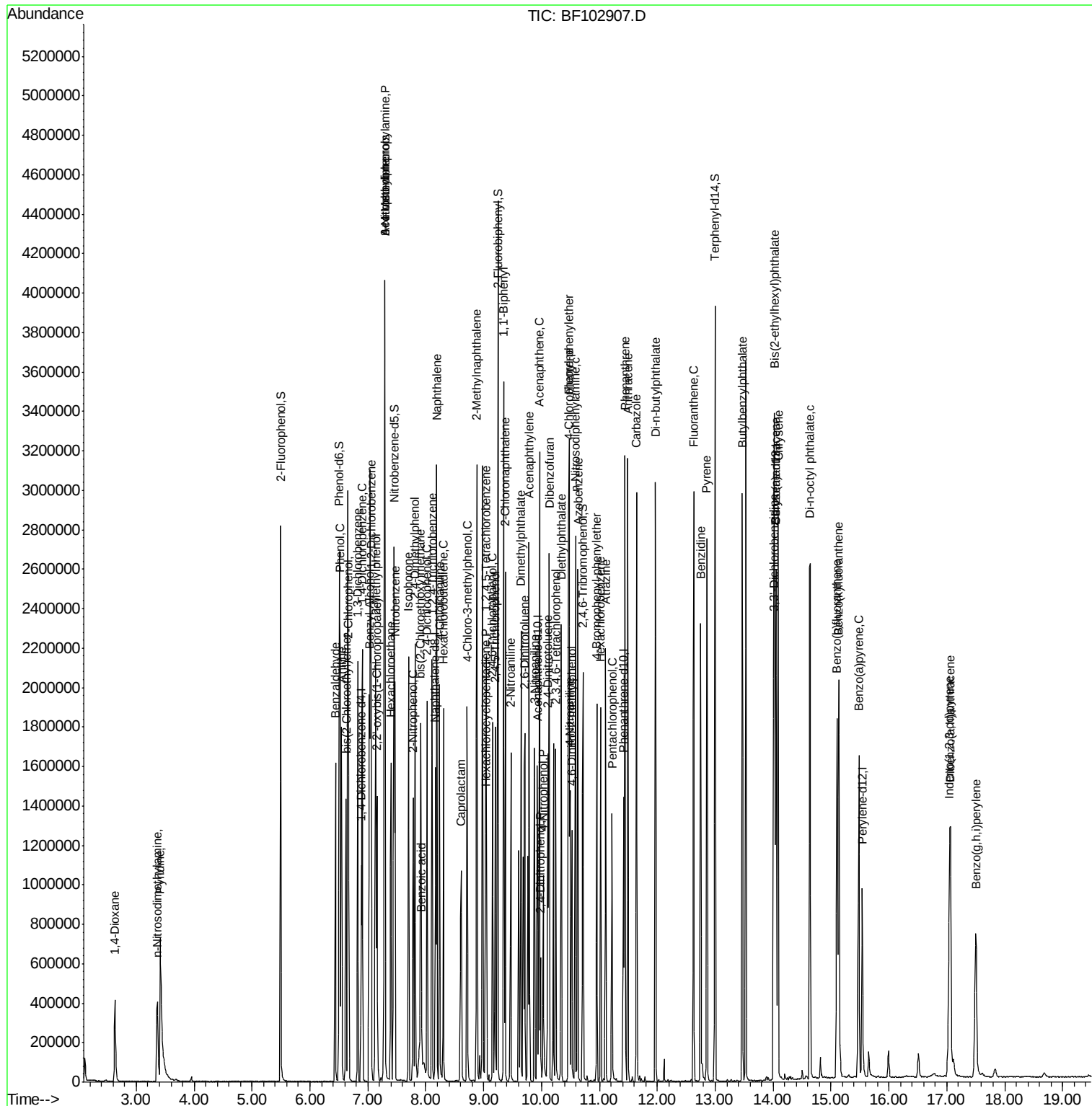
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF021218\
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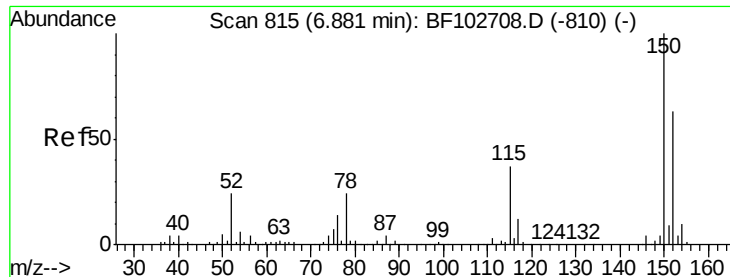
Instrument :
 BNA_F
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#1

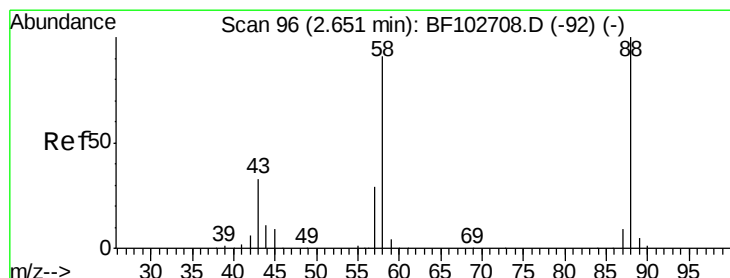
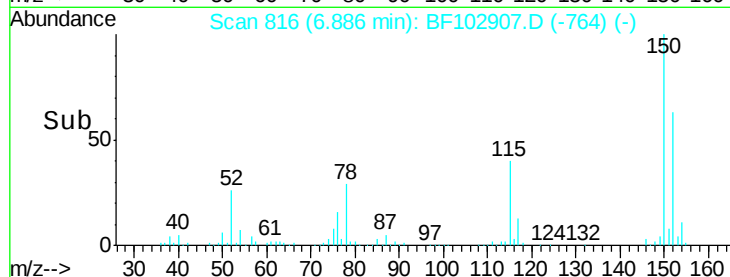
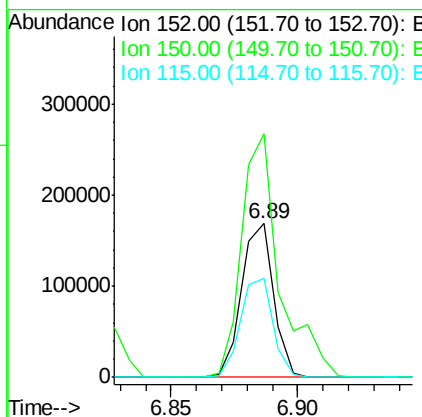
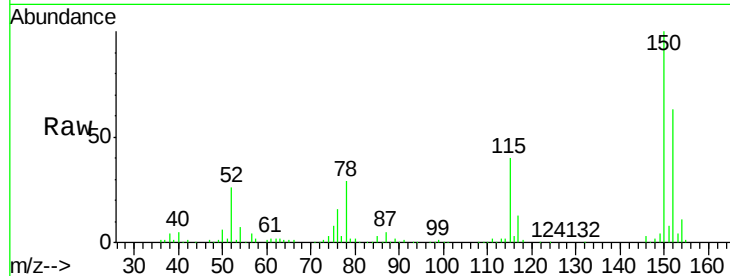
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	64.0	50.1	75.1

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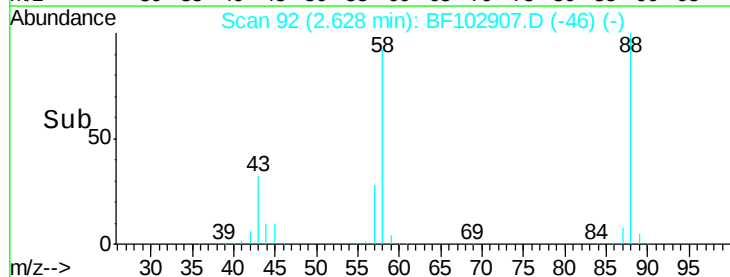
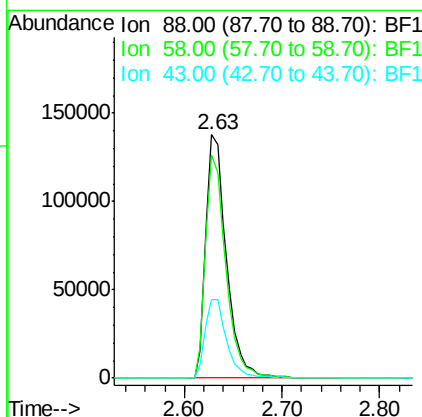
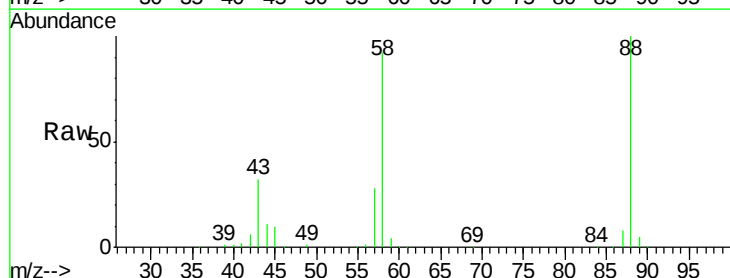
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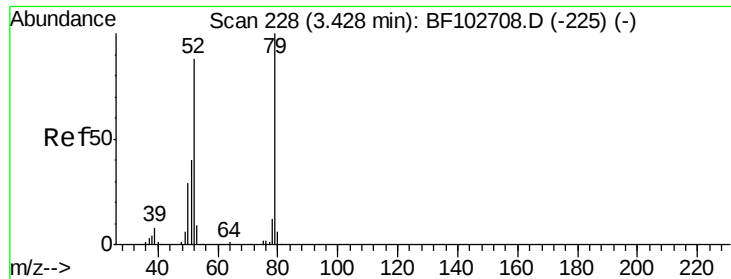


#2

1,4-Dioxane
Concen: 42.300 ng
RT: 2.63 min Scan# 92
Delta R.T. -0.03 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.1	62.6	93.8
43	33.9	24.6	37.0





#3

Pvridine

Concen: 43.158 ng

RT: 3.42 min Scan# 226

Delta R.T. -0.02 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Instrument :

BNA_F

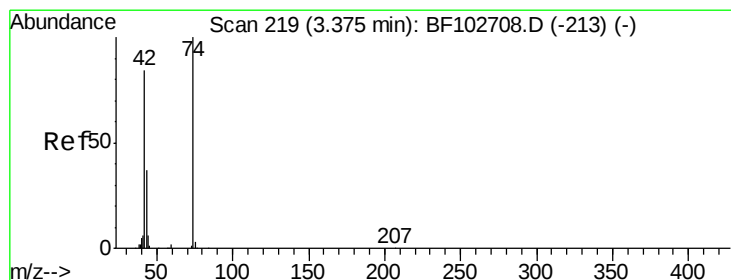
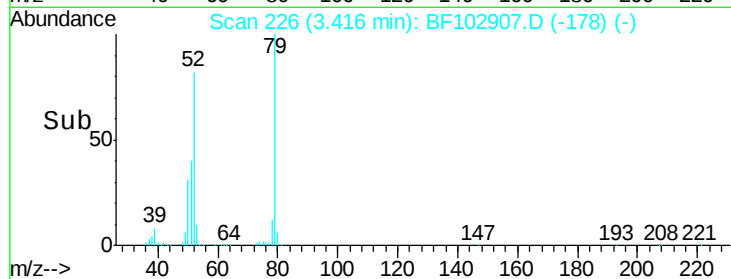
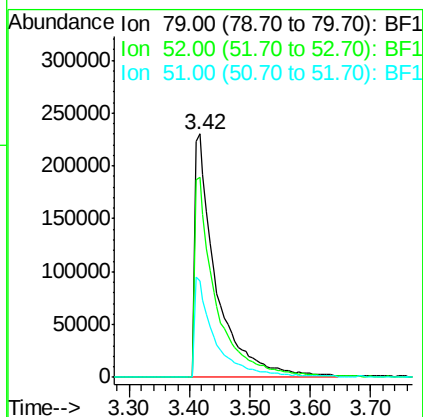
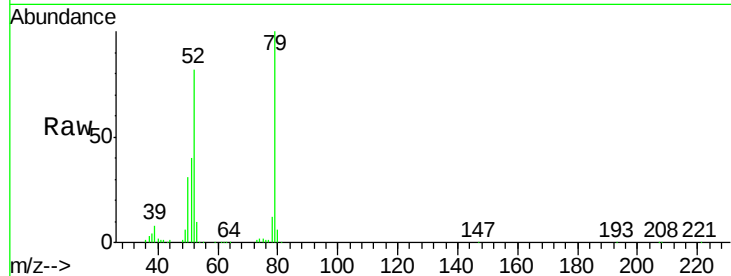
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	573936
Ion Ratio	Lower	Upper	
79	100		
52	82.0	59.8	89.6
51	39.6	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 43.232 ng

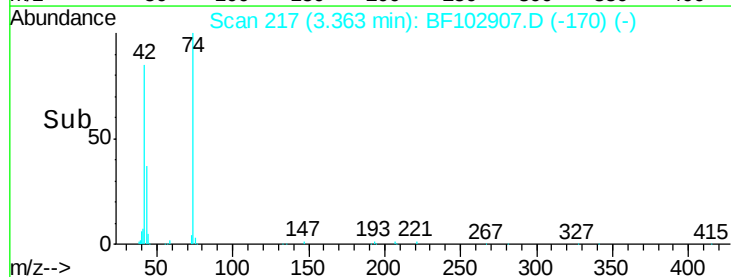
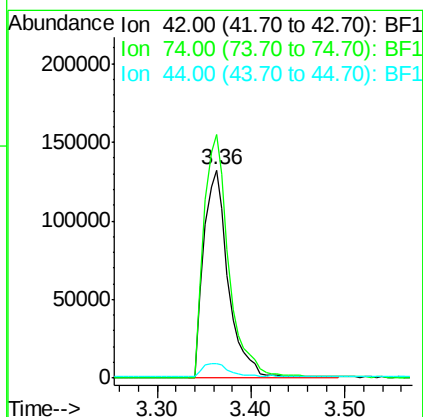
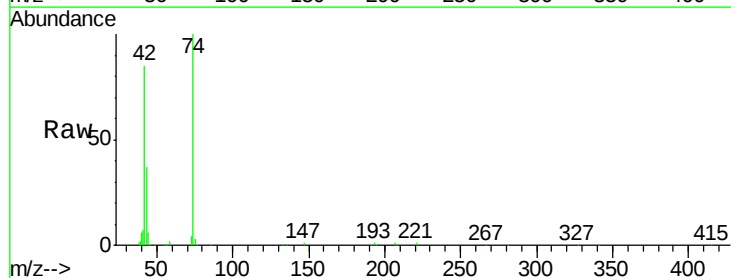
RT: 3.36 min Scan# 217

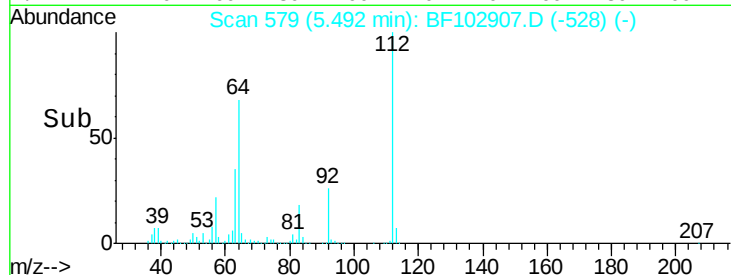
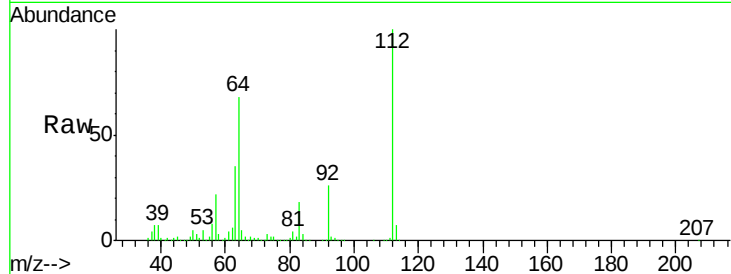
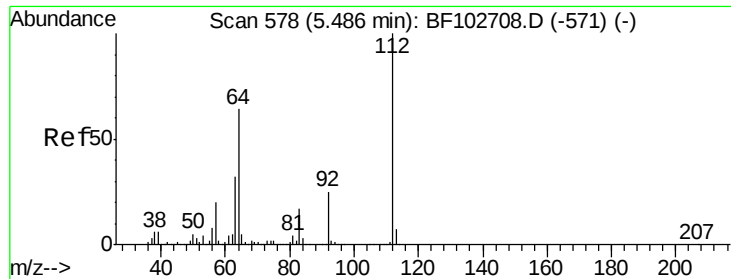
Delta R.T. -0.02 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Tgt Ion:	42	Resp:	245983
Ion Ratio	Lower	Upper	
42	100		
74	117.1	104.9	157.3
44	7.1	6.9	10.3





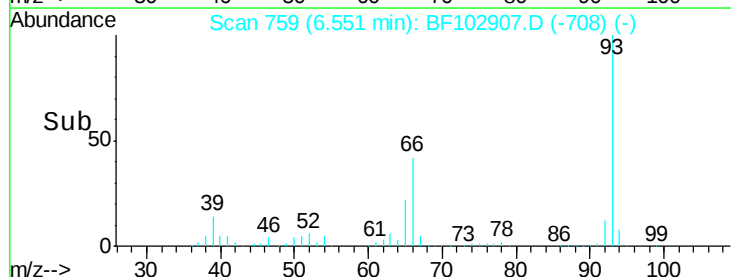
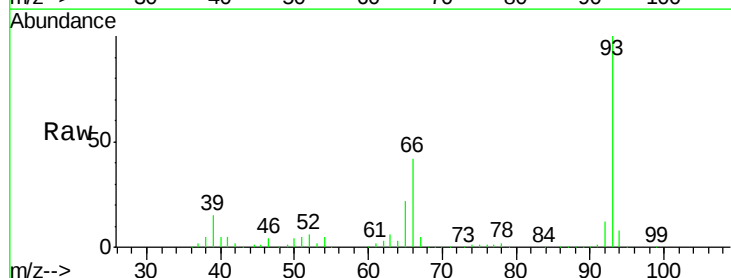
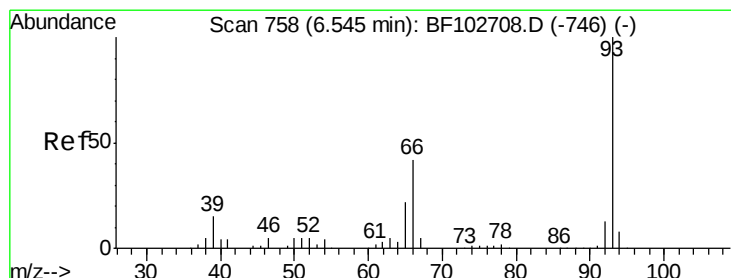
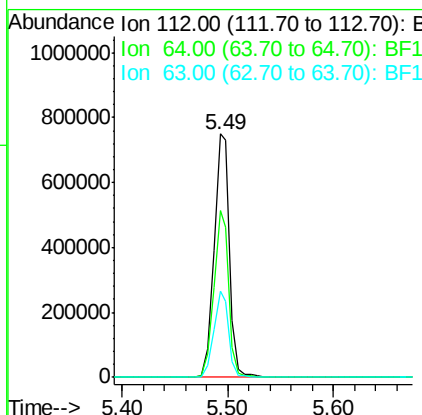
#5
2-Fluorophenol
Concen: 79.924 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	68.4	47.9	71.9
63	35.4	23.7	35.5

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

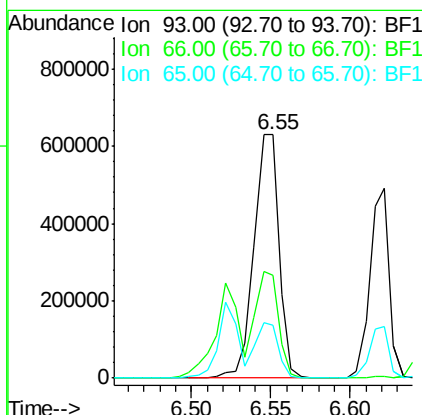
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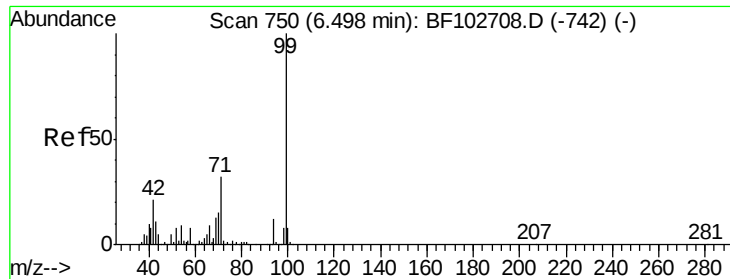
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#6
Aniline
Concen: 40.395 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	42.0	32.2	48.2
65	22.0	16.4	24.6





#7

Phenol-d6

Concen: 80.719 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Instrument :

BNA_F

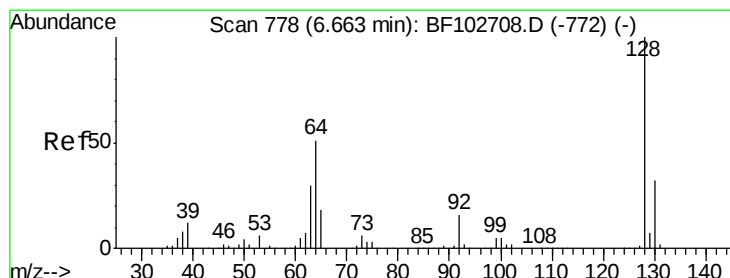
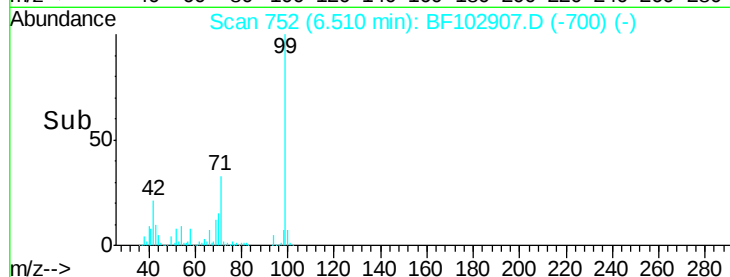
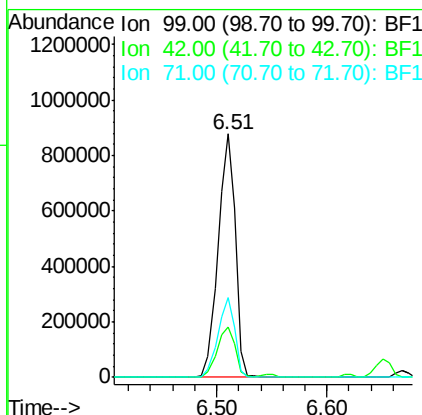
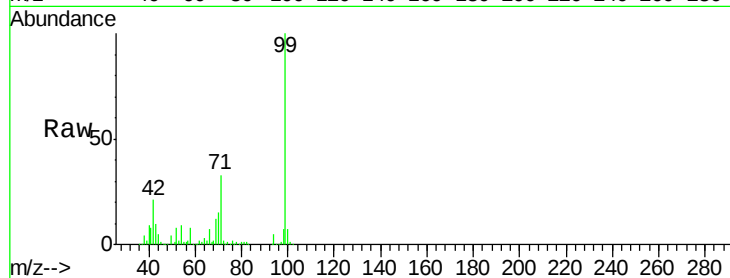
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	947150
Ion Ratio	Lower	Upper	
99	100		
42	20.8	14.5	21.7
71	32.5	25.4	38.0

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#8

2-Chlorophenol

Concen: 39.963 ng

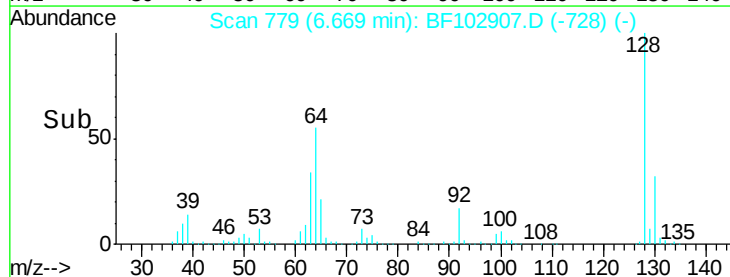
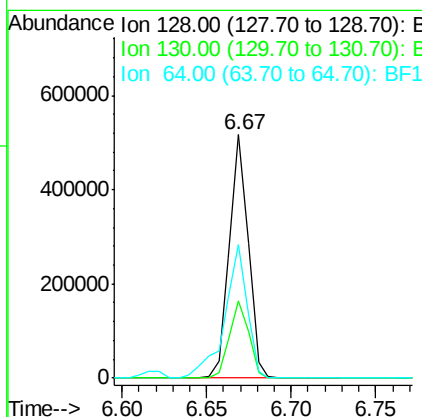
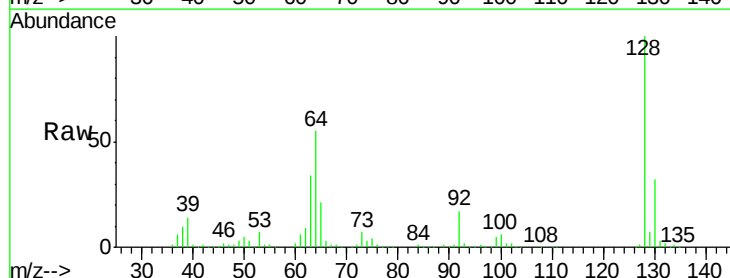
RT: 6.67 min Scan# 779

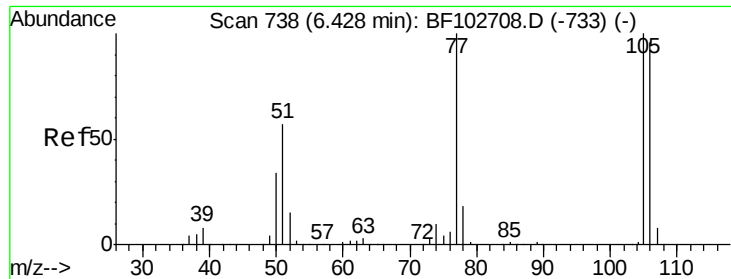
Delta R.T. -0.00 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Tgt Ion:	128	Resp:	400944
Ion Ratio	Lower	Upper	
128	100		
130	31.9	13.0	53.0
64	55.1	29.4	69.4





#9

Benzaldehyde

Concen: 37.485 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Instrument :

BNA_F

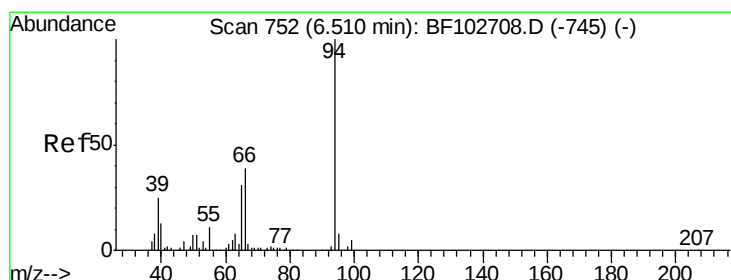
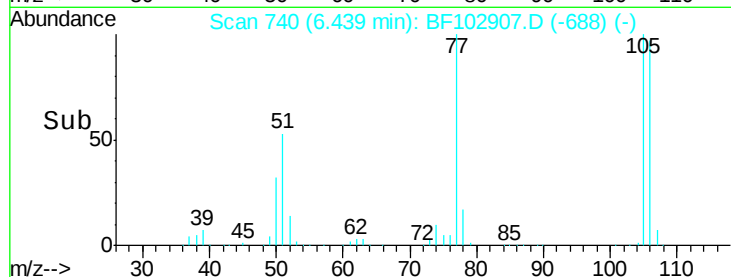
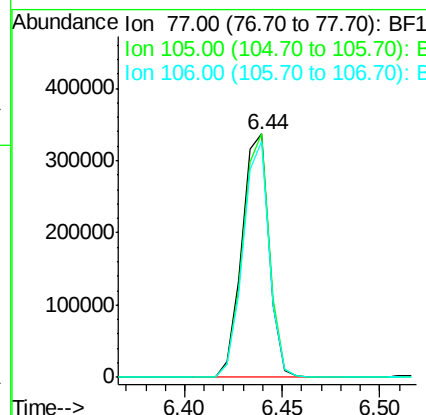
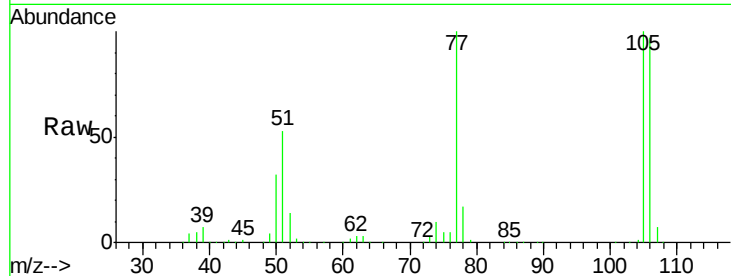
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.2	81.1	121.1
106	97.1	74.5	114.5

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#10

Phenol

Concen: 40.978 ng

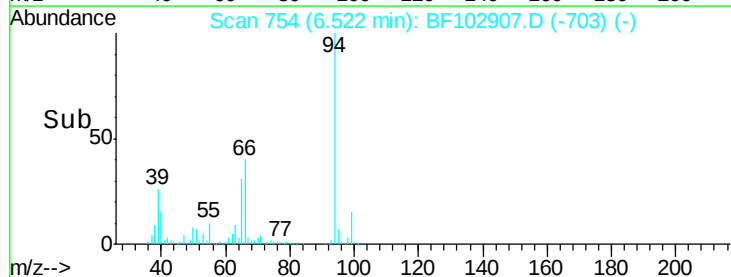
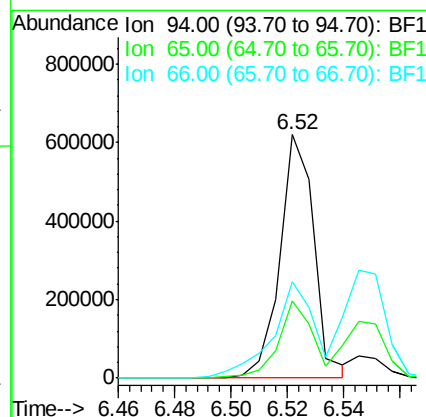
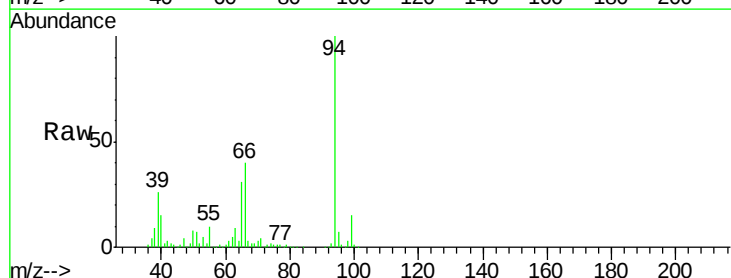
RT: 6.52 min Scan# 754

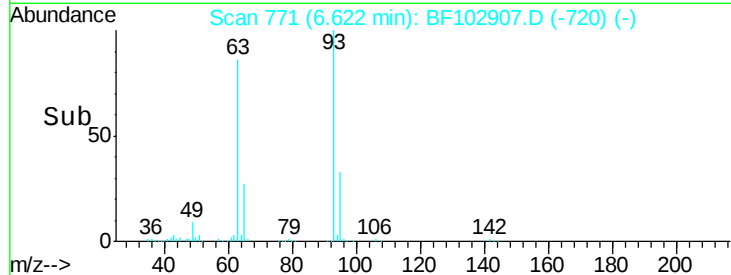
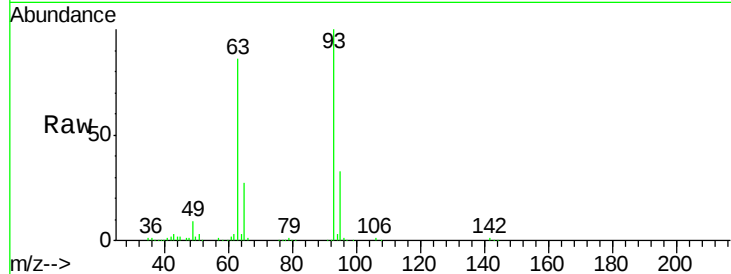
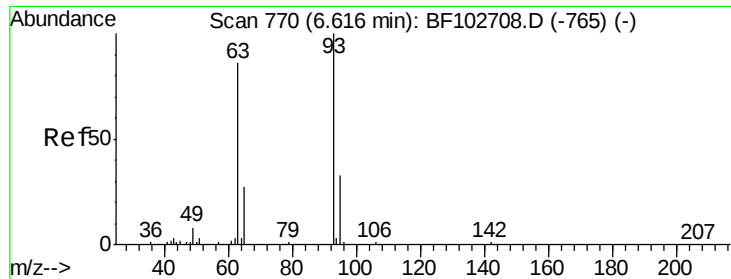
Delta R.T. -0.00 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.5	7.9	47.9
66	39.7	16.2	56.2





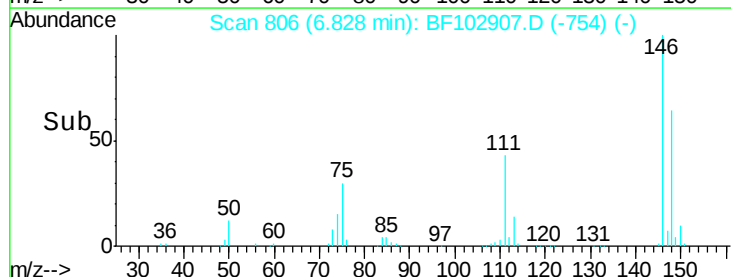
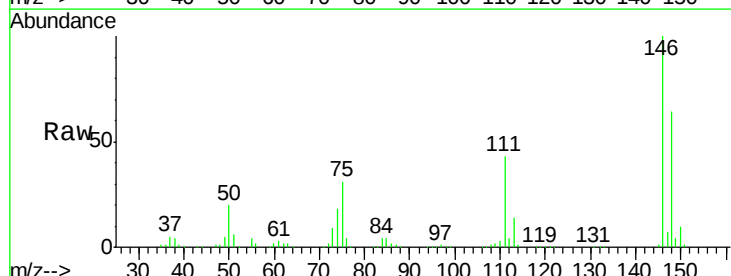
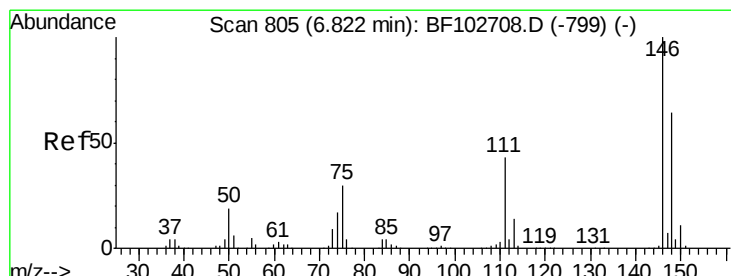
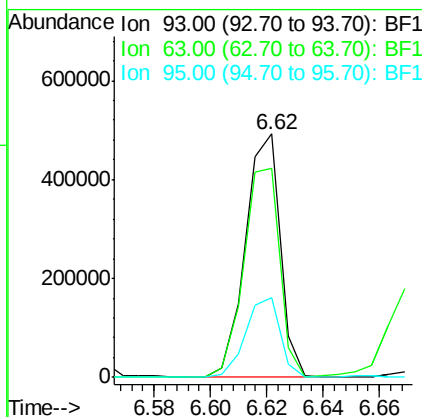
#11
bis(2-Chloroethyl)ether
Concen: 39.977 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Tot Ion	Ratio	Resp	Lower	Upper
93	100	418311		
63	86.1	58.6	98.6	
95	32.9	11.8	51.8	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

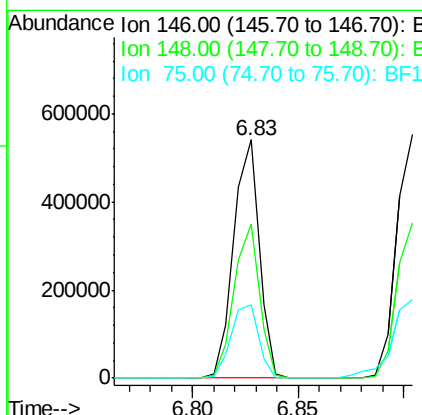
Manual Integrations
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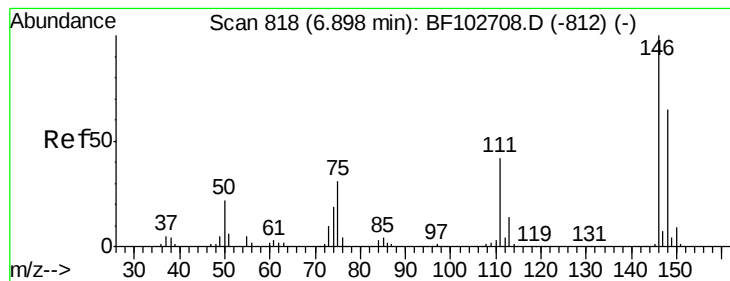
Sohil
2/13/2018 1:34:12 PM



#12
1,3-Dichlorobenzene
Concen: 39.088 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	454124		
148	64.3	51.8	77.8	
75	30.8	24.2	36.4	





#13

1,4-Dichlorobenzene

Concen: 39.241 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Instrument :

BNA_F

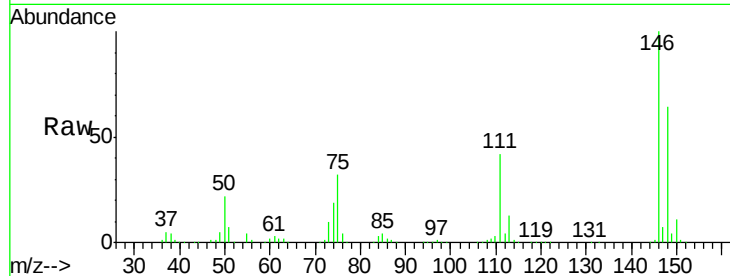
ClientSampleId :

SSTDCCC040

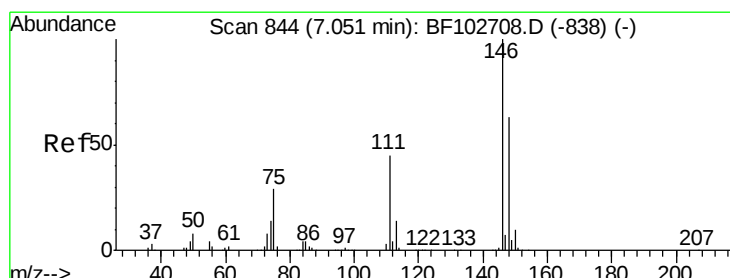
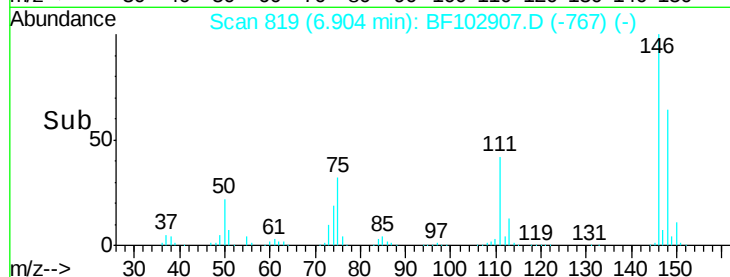
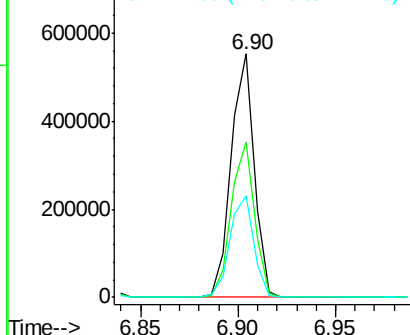
Tot Ion:	146	Resp:	454145
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.8	76.2
111	41.9	34.2	51.2

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.934 ng

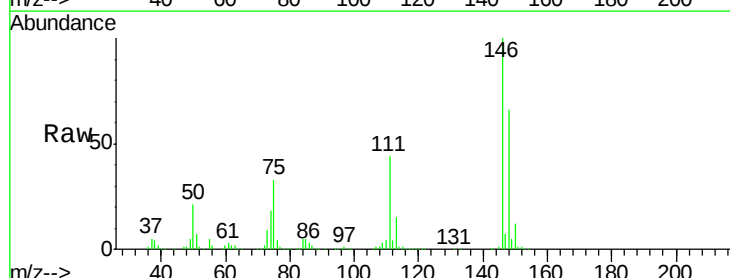
RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

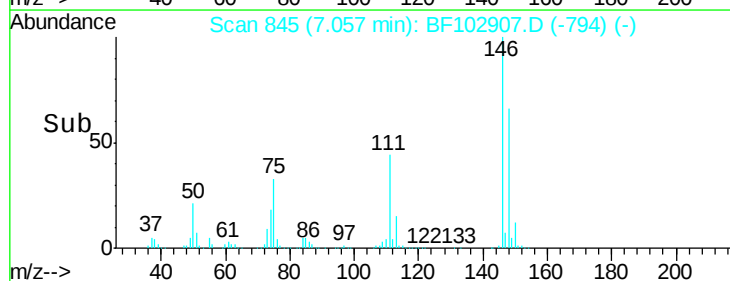
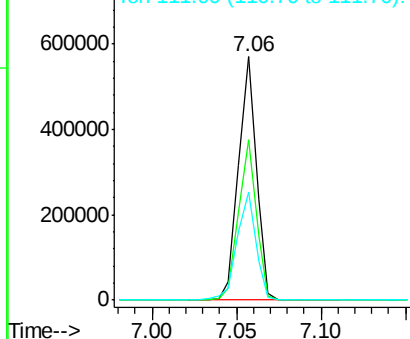
Lab File: BF102907.D

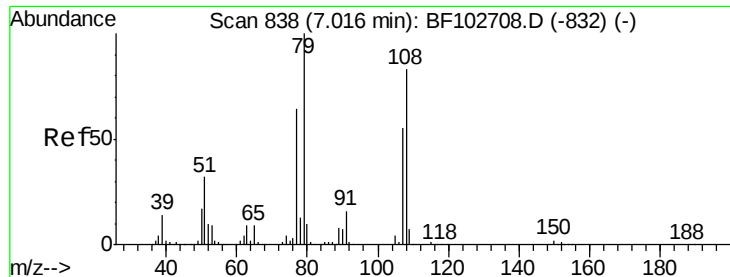
Acq: 12 Feb 2018 9:09

Tgt Ion:	146	Resp:	419690
Ion Ratio	Lower	Upper	
146	100		
148	66.0	50.6	75.8
111	44.3	36.0	54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.358 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 382129

Ion Ratio Lower Upper

79 100

108 77.6 65.1 97.7

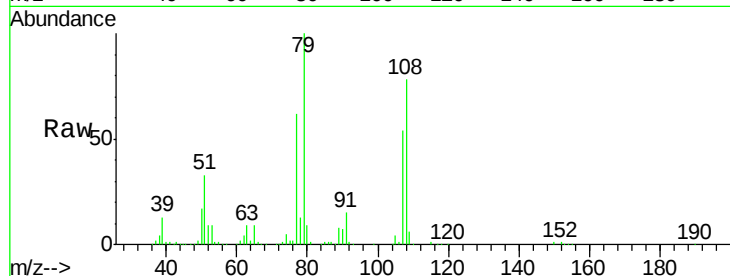
77 62.3 50.6 75.8

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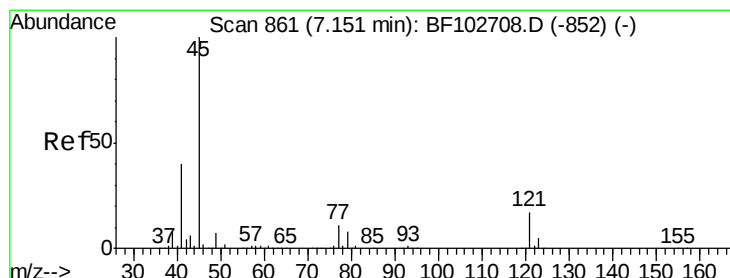
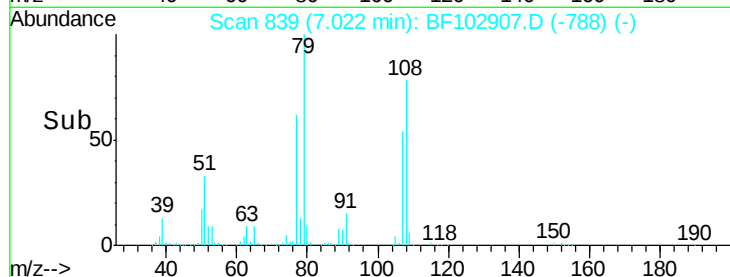
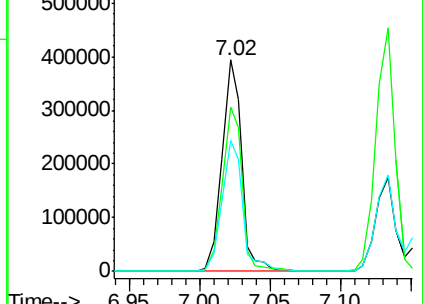
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Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.265 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

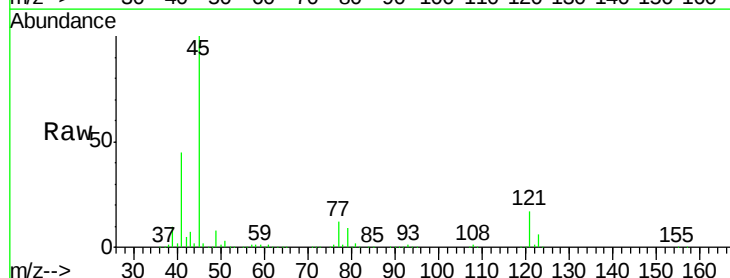
Tgt Ion: 45 Resp: 740724

Ion Ratio Lower Upper

45 100

77 12.4 0.0 32.9

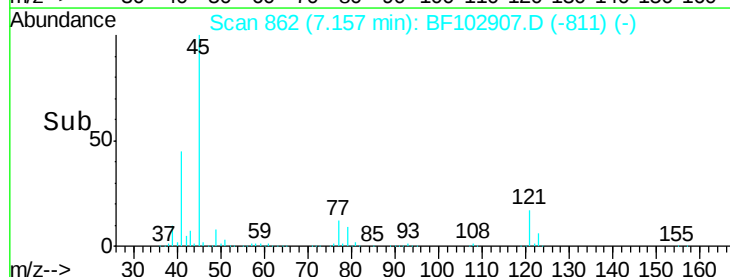
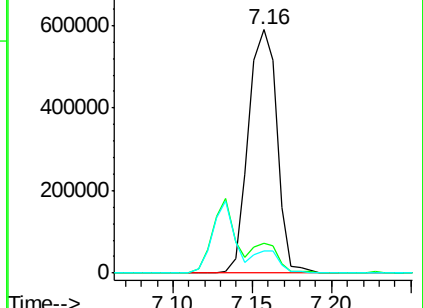
79 9.3 0.0 29.6

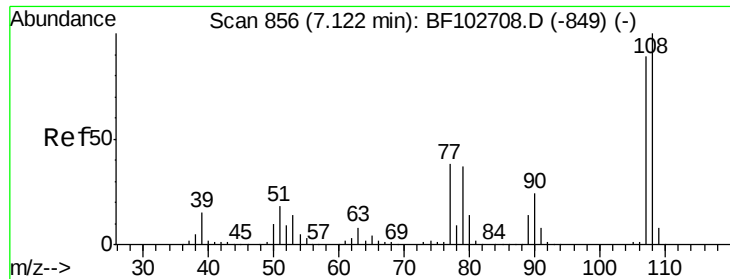


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





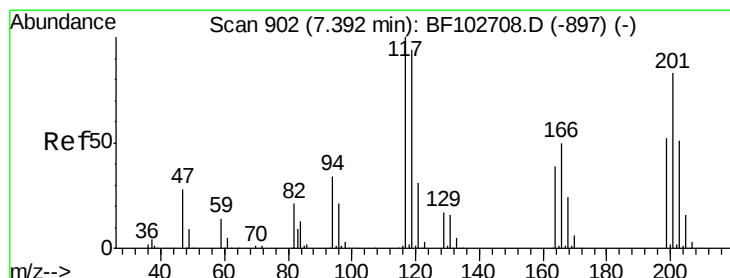
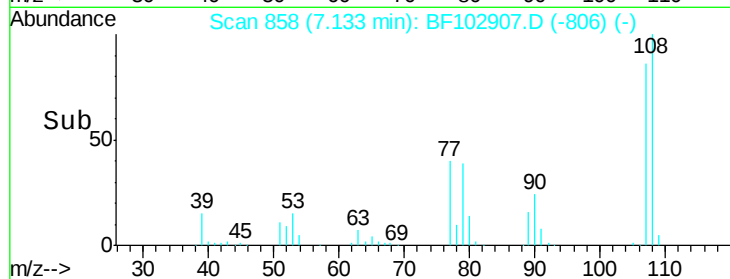
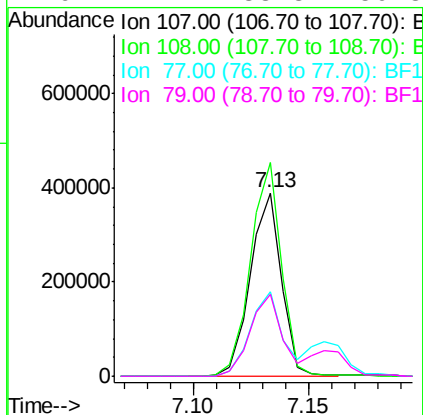
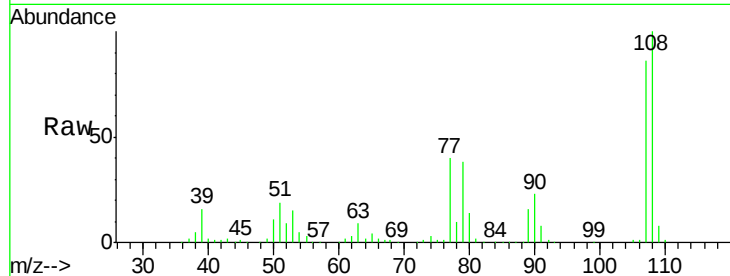
#17
2-Methylphenol
Concen: 39.520 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	365727
Ion Ratio	Lower	Upper	
107	100		
108	116.4	91.7	137.5
77	46.1	33.8	50.8
79	44.7	33.8	50.8

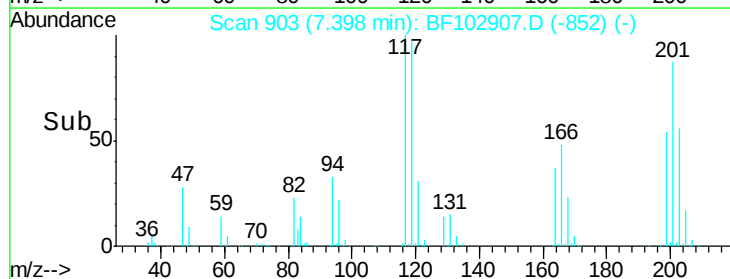
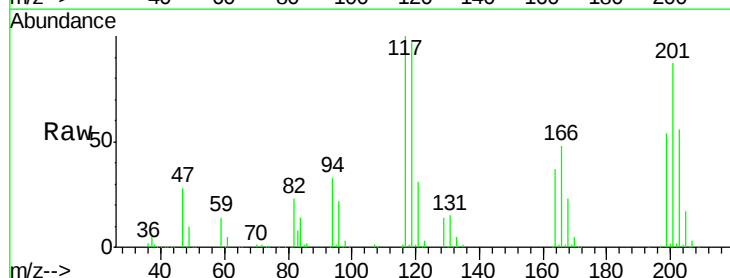
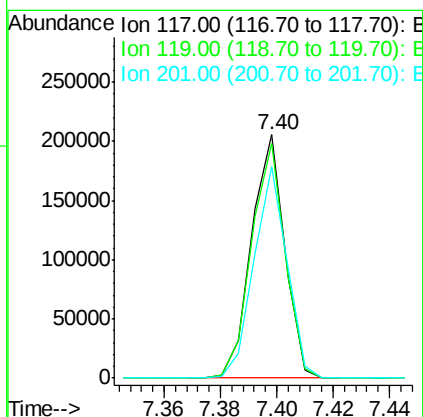
Manual Integrations
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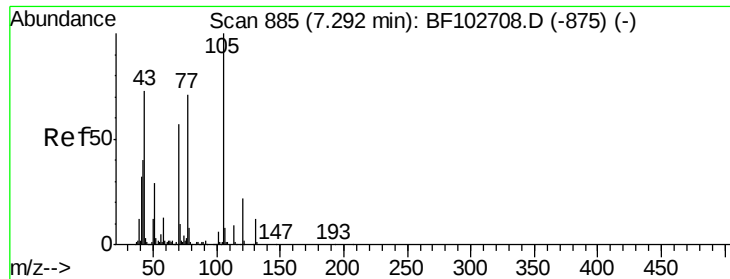
Sohil
2/13/2018 1:34:12 PM



#18
Hexachloroethane
Concen: 42.096 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Tgt Ion:	117	Resp:	167065
Ion Ratio	Lower	Upper	
117	100		
119	96.5	75.8	113.8
201	86.8	75.7	113.5





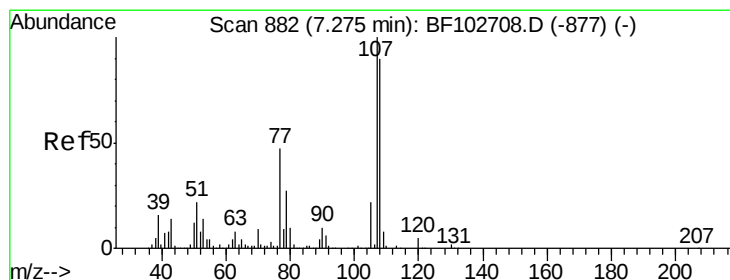
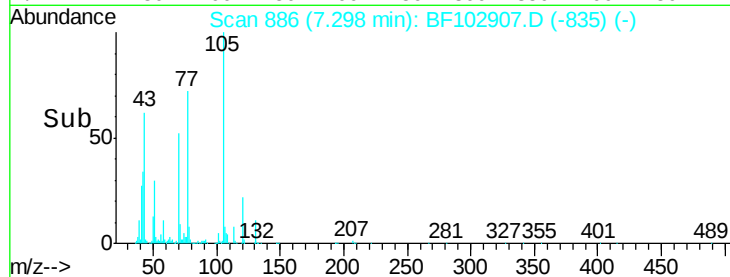
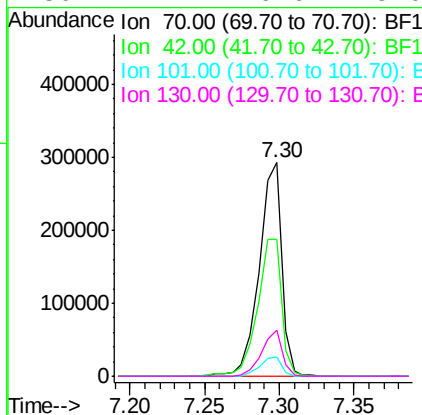
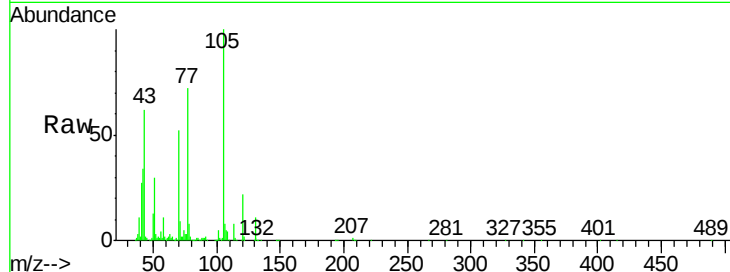
#19
n-Nitroso-di-n-propylamine
Concen: 39.208 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	70	Resp	303331
Ion Ratio	Lower	Upper	
70	100		
42	64.2	47.5	71.3
101	9.0	7.4	11.2
130	21.4	16.6	25.0

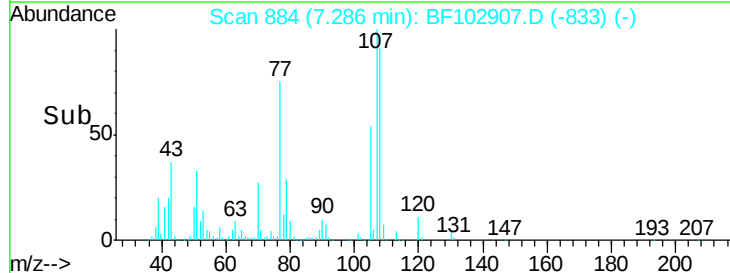
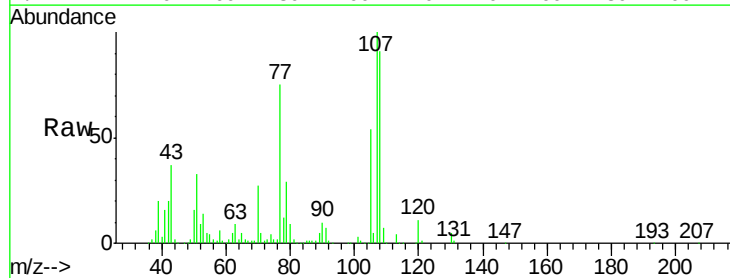
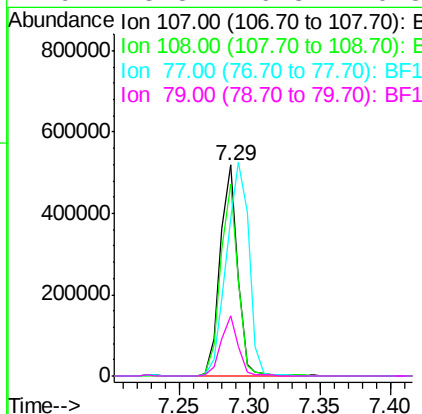
Manual Integrations
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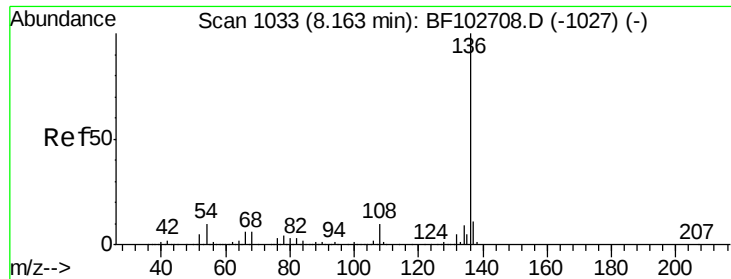
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#20
3+4-Methylphenols
Concen: 39.251 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Tgt Ion	107	Resp	447943
Ion Ratio	Lower	Upper	
107	100		
108	90.8	68.2	108.2
77	74.6	26.7	66.7#
79	28.8	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Instrument :

BNA_F

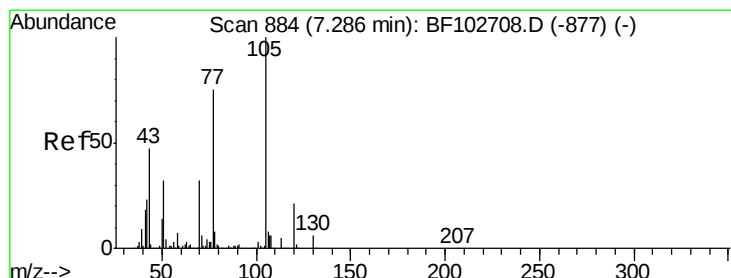
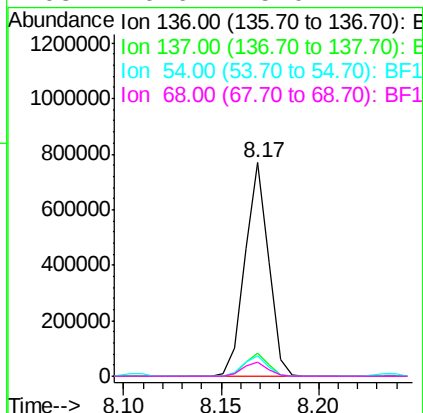
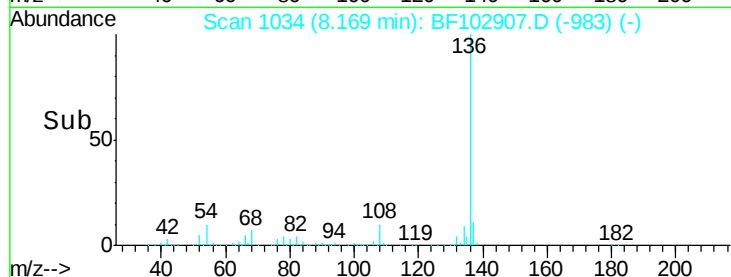
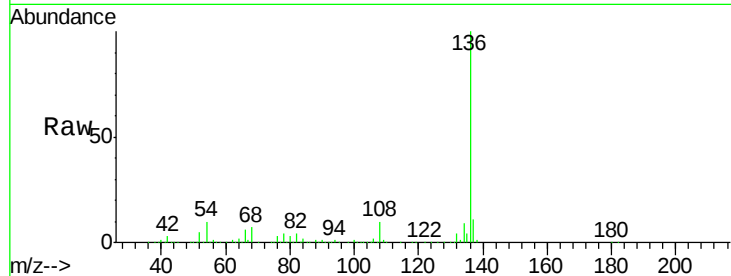
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	639995		
137	10.9	8.9	13.3	
54	9.6	6.6	9.8	
68	6.6	5.0	7.4	

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#22

Acetophenone

Concen: 36.974 ng

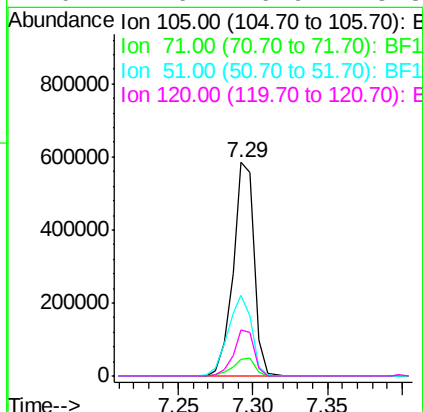
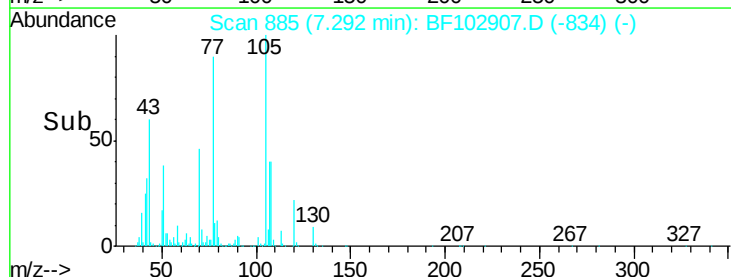
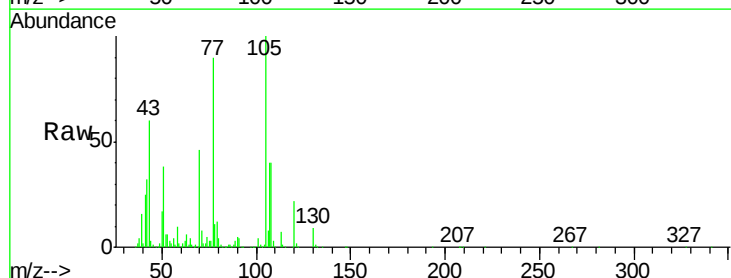
RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	579059		
71	7.7	4.4	6.6#	
51	37.7	22.3	33.5#	
120	21.6	16.9	25.3	





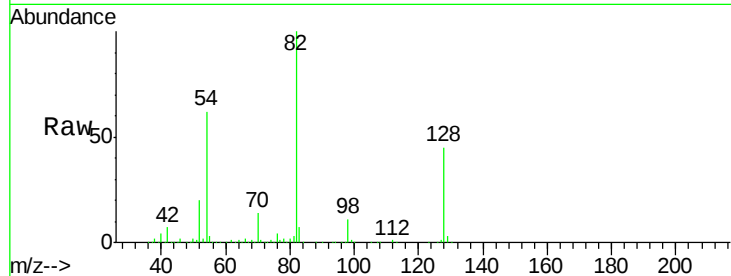
#23
Nitrobenzene-d5
Concen: 95.010 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

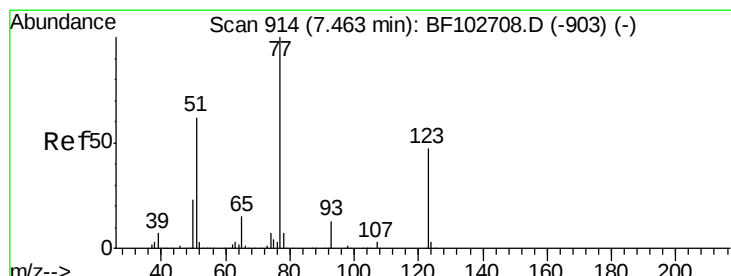
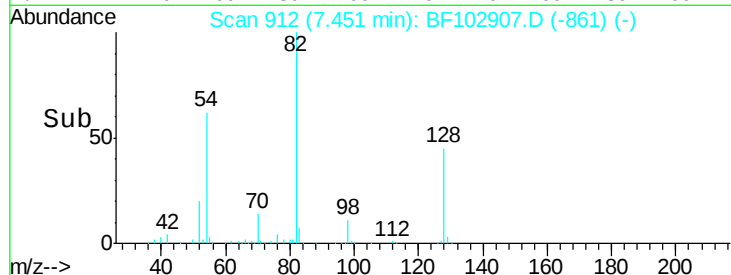
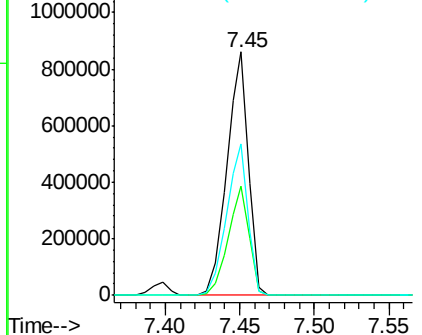
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.7	36.1	54.1	
54	62.3	41.4	62.2	

Manual Integrations
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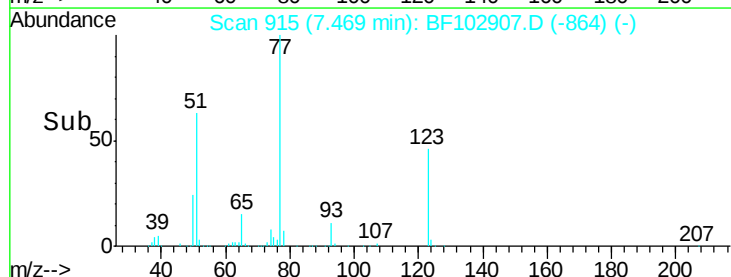
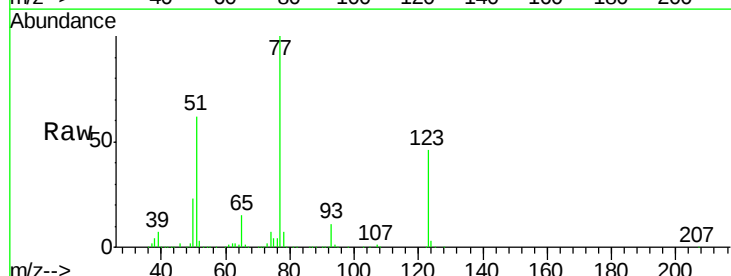
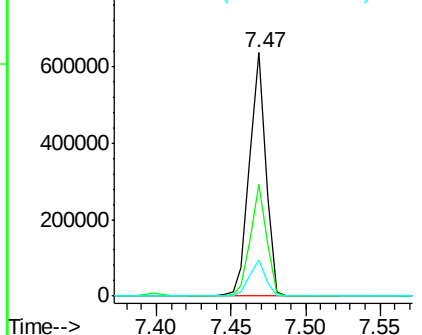
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

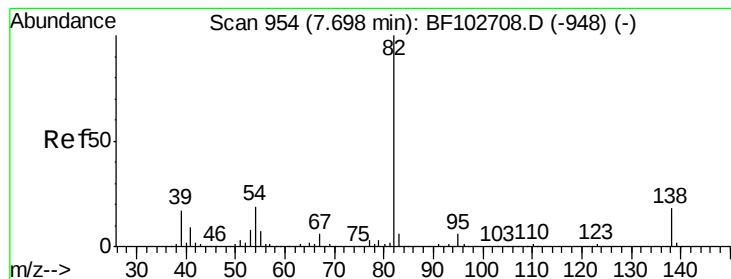


#24
Nitrobenzene
Concen: 44.478 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.9	37.9	56.9	
65	14.7	11.0	16.4	

Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.380 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Instrument :

BNA_F

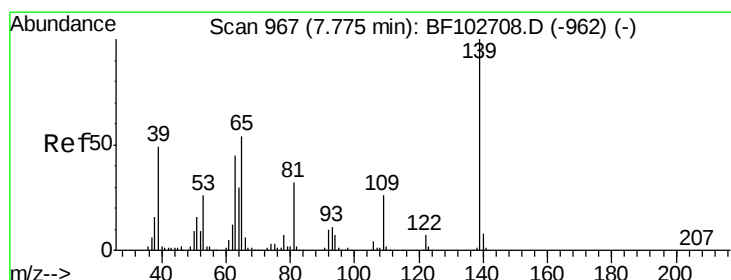
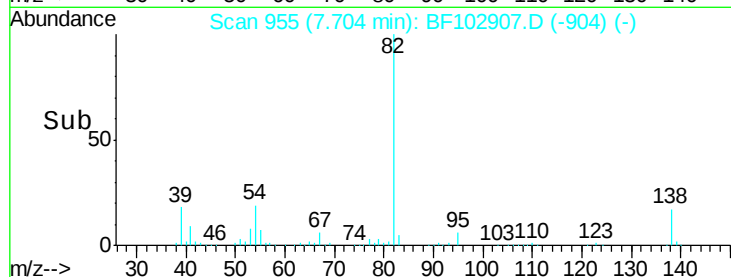
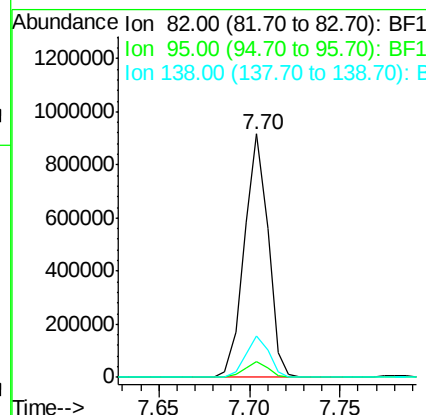
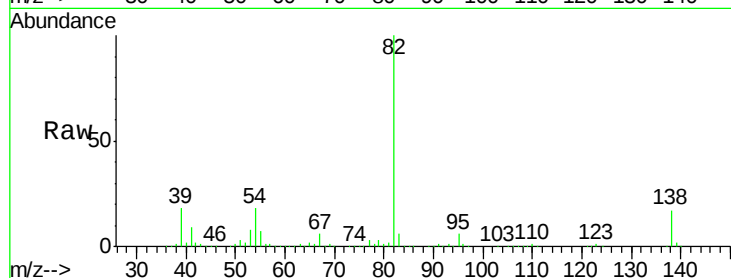
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	836573
Ion Ratio		Lower	Upper
82	100		
95	6.5	5.2	7.8
138	17.0	14.9	22.3

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#26

2-Nitrophenol

Concen: 50.346 ng

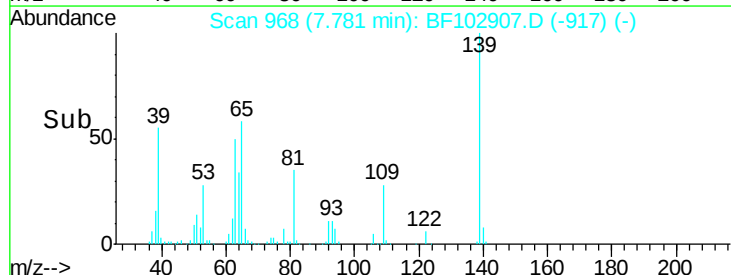
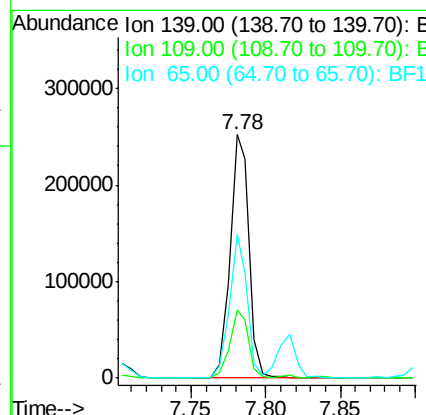
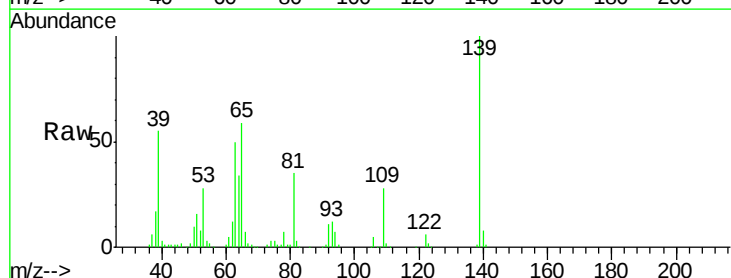
RT: 7.78 min Scan# 968

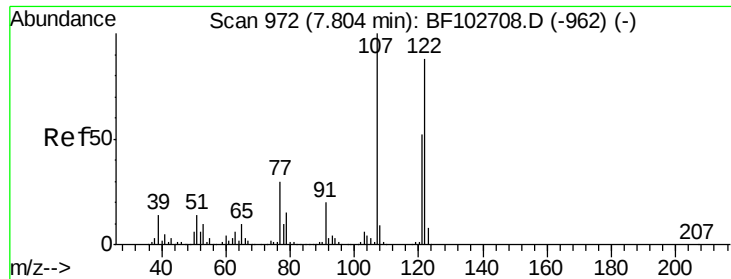
Delta R.T. -0.00 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Tgt Ion:	139	Resp:	226763
Ion Ratio		Lower	Upper
139	100		
109	28.2	22.7	34.1
65	59.0	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 36.598 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Instrument :

BNA_F

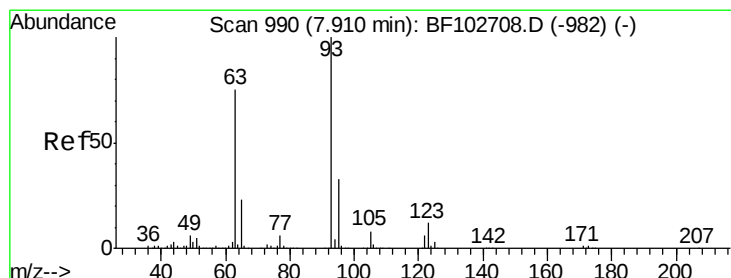
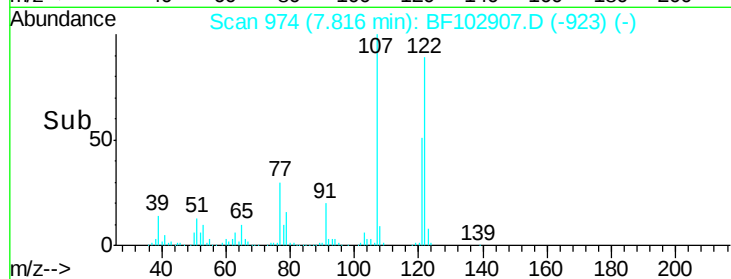
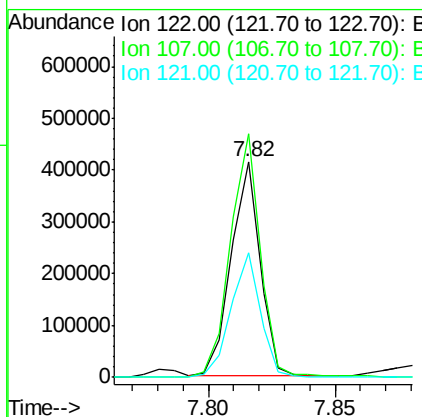
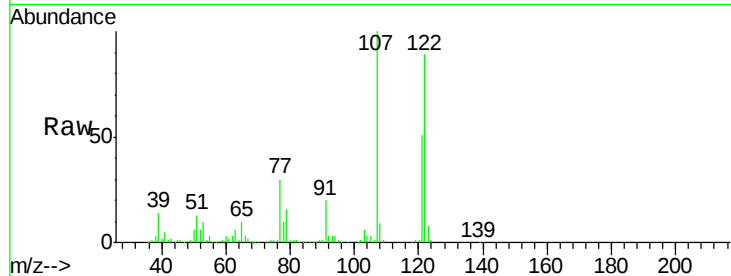
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	328470
Ion Ratio	Lower	Upper	
122	100		
107	112.9	91.2	136.8
121	57.9	47.2	70.8

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 38.995 ng

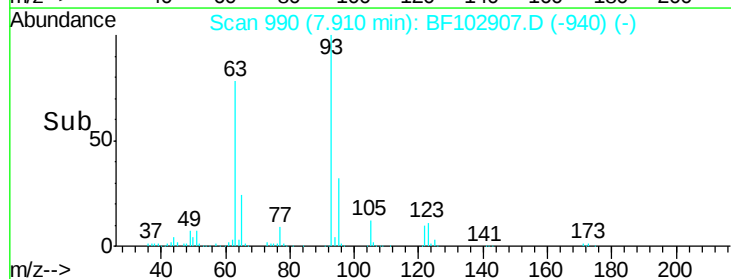
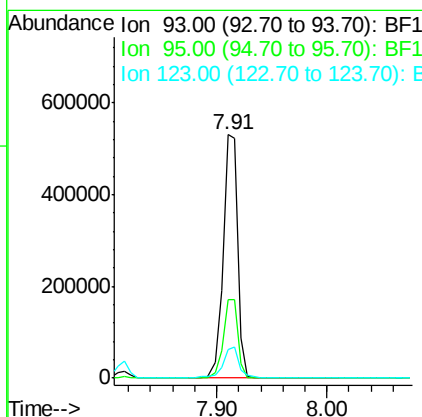
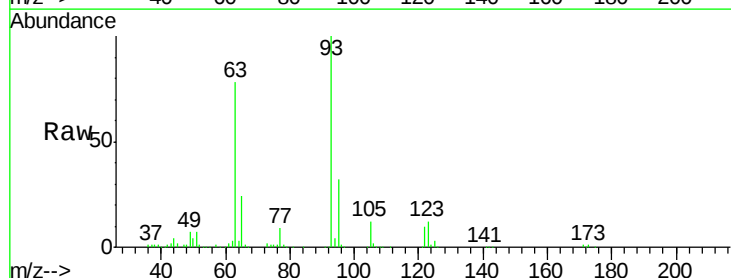
RT: 7.91 min Scan# 990

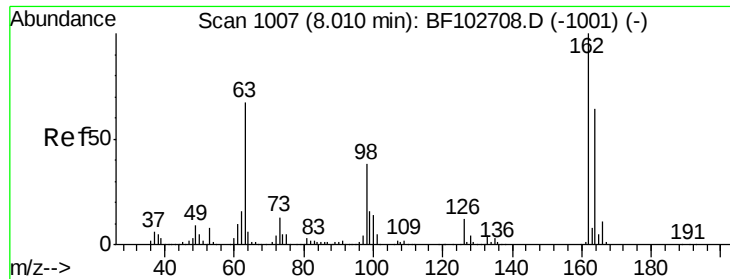
Delta R.T. -0.01 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Tgt Ion:	93	Resp:	490740
Ion Ratio	Lower	Upper	
93	100		
95	32.3	26.3	39.5
123	11.5	9.8	14.6





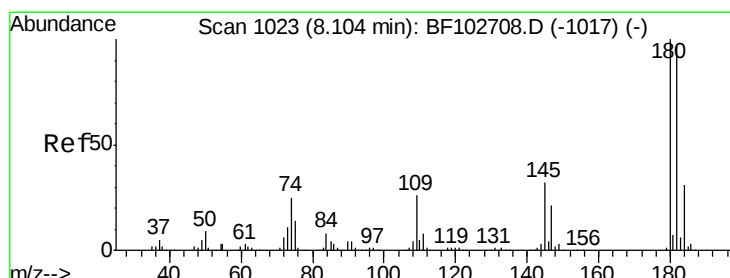
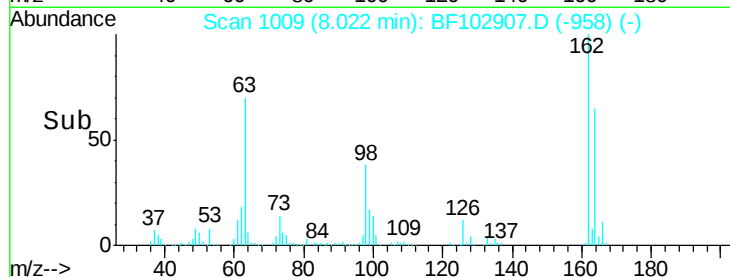
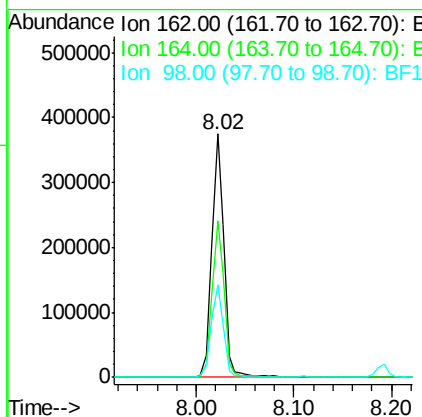
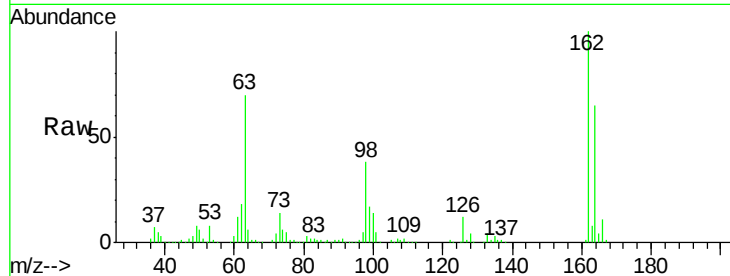
#29
 2,4-Dichlorophenol
 Concen: 39.754 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	324346
Ion Ratio	Lower	Upper	
162	100		
164	64.5	42.7	82.7
98	38.2	18.1	58.1

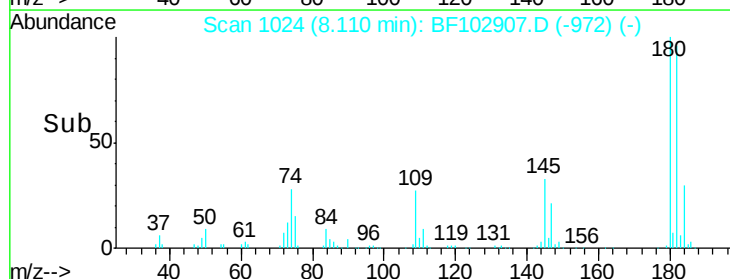
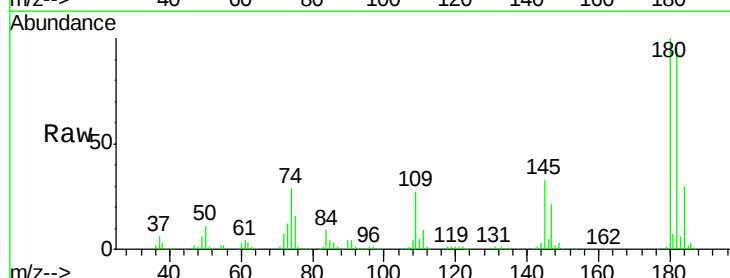
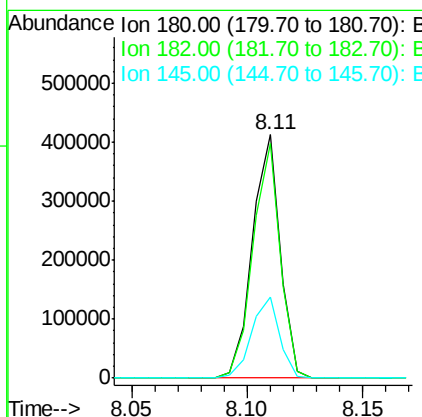
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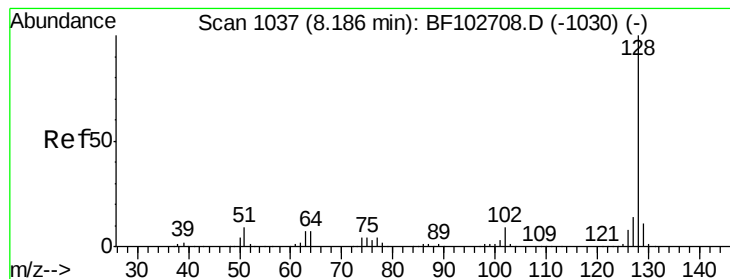
Sohil
 2/13/2018 1:34:12 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.552 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

Tgt Ion:	180	Resp:	346605
Ion Ratio	Lower	Upper	
180	100		
182	96.5	76.8	115.2
145	33.3	26.5	39.7





#31

Naphthalene

Concen: 38.049 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1189750

Ion Ratio Lower Upper

128 100

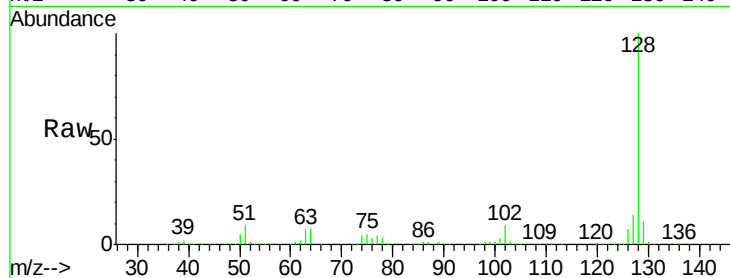
129 11.3 8.8 13.2

127 13.7 10.9 16.3

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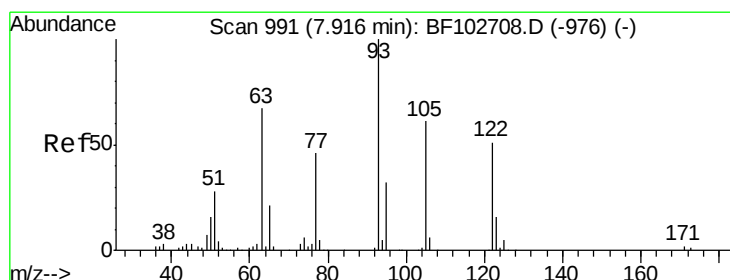
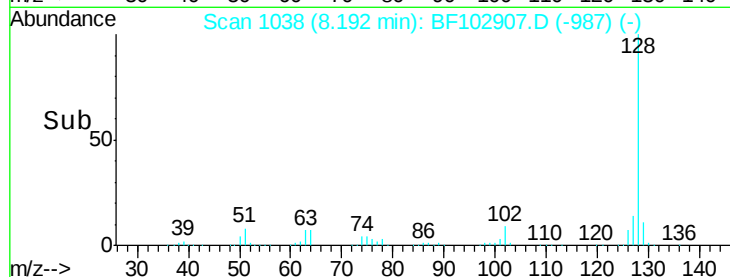
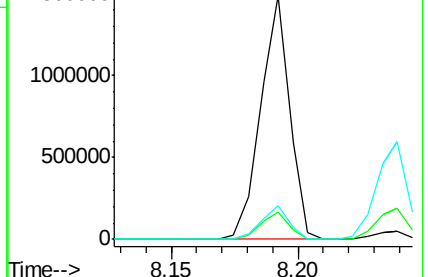
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.849 ng m

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

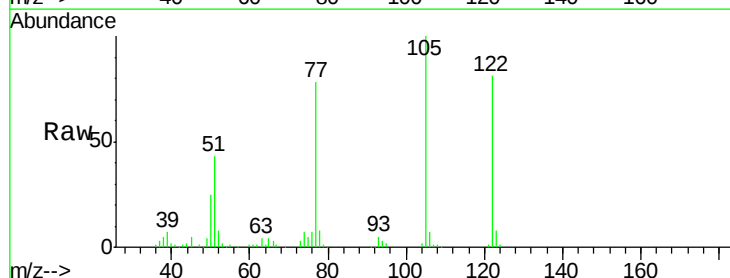
Tgt Ion:122 Resp: 250789

Ion Ratio Lower Upper

122 100

105 124.0 101.1 141.1

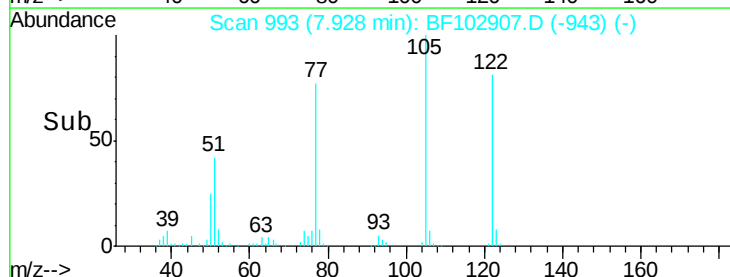
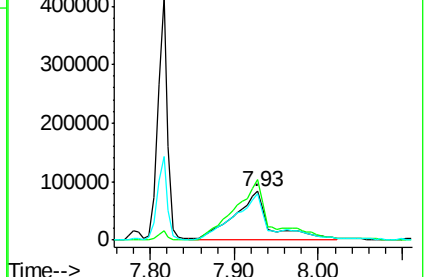
77 96.2 70.7 110.7

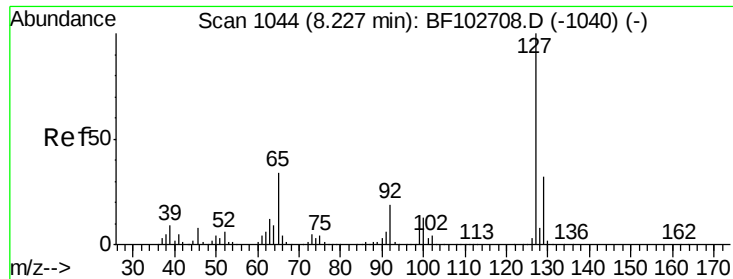


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





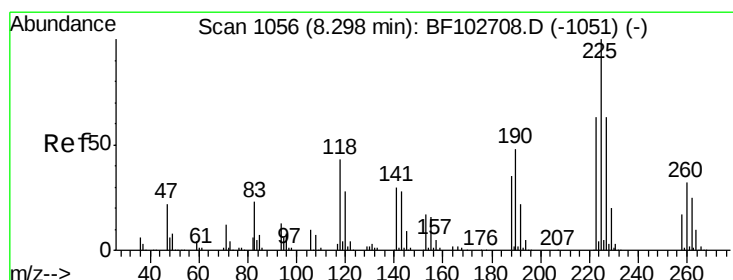
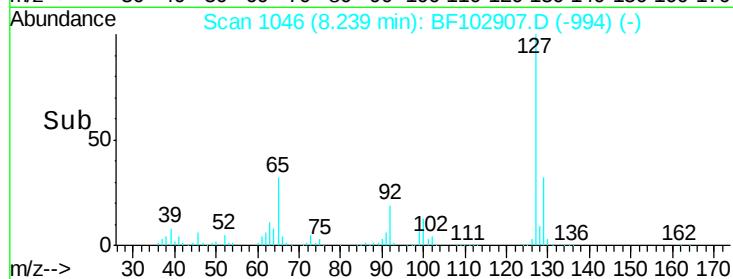
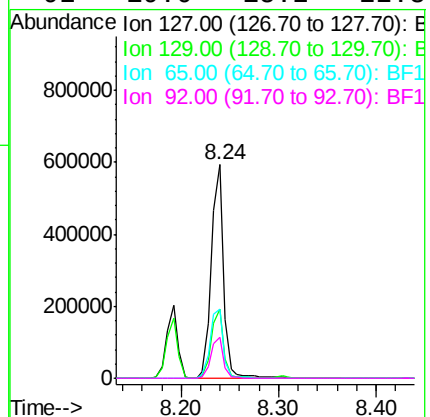
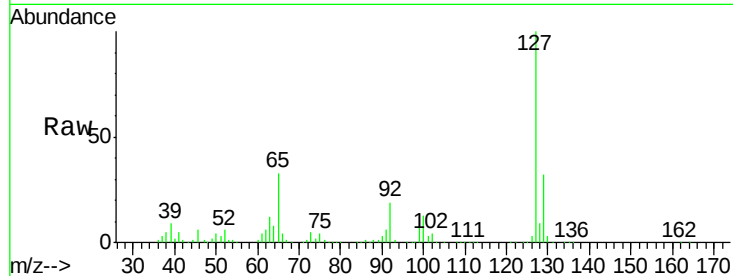
#33
4-Chloroaniline
Concen: 38.685 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		521100		
129	32.1		25.9	38.9	
65	32.6		25.0	37.4	
92	19.0		15.2	22.8	

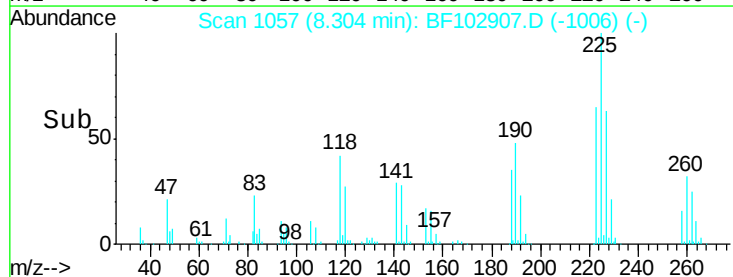
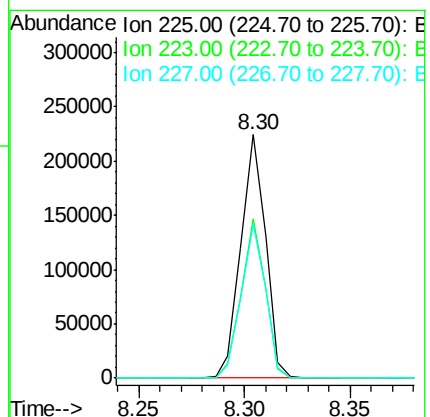
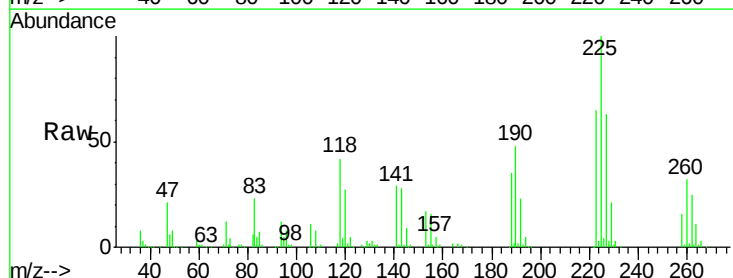
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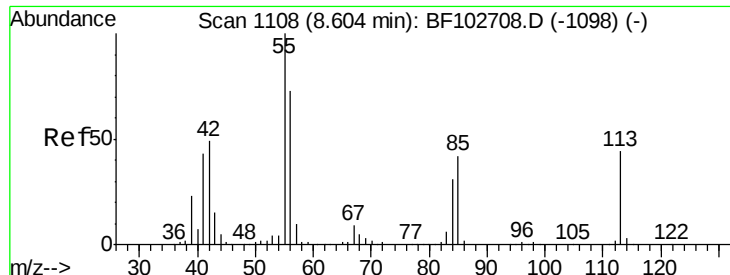
Sohil
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#34
Hexachlorobutadiene
Concen: 38.164 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		180503		
223	65.4		50.6	76.0	
227	63.0		51.9	77.9	





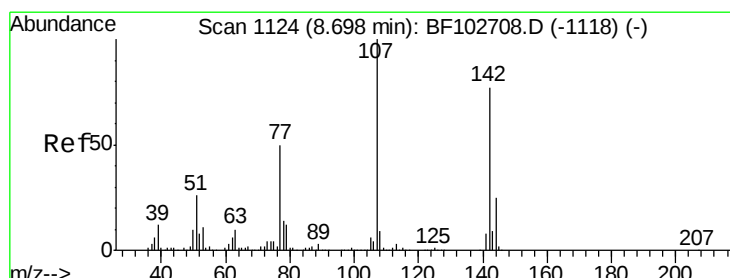
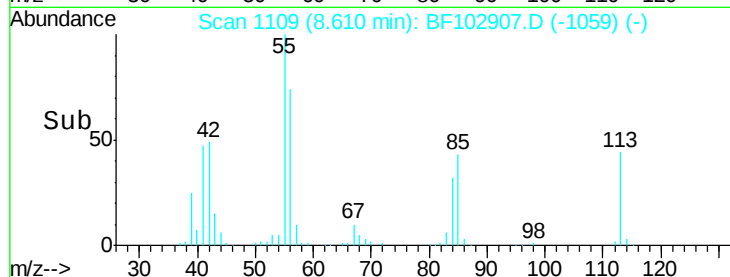
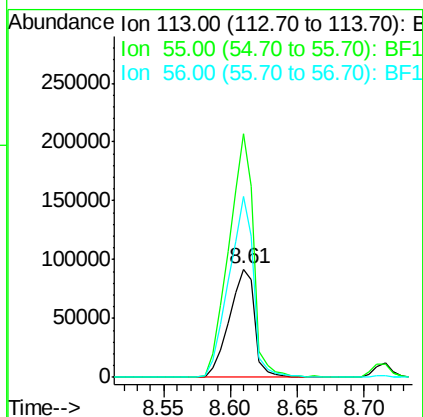
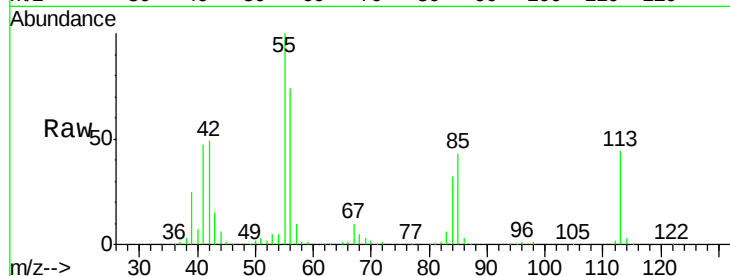
#35
 Caprolactam
 Concen: 43.565 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	225.1	163.3	203.3#
56	166.8	115.7	155.7#

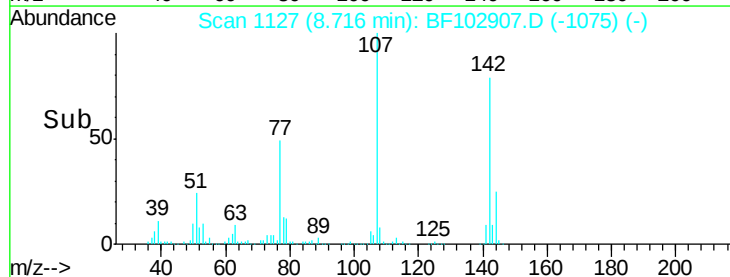
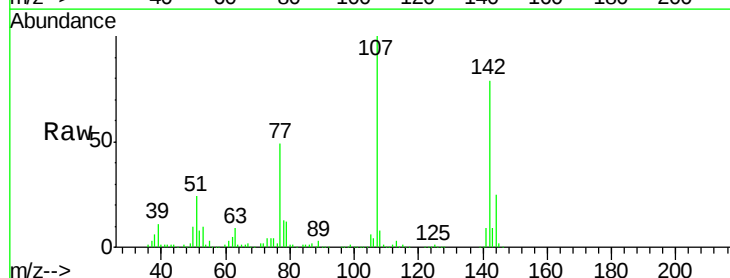
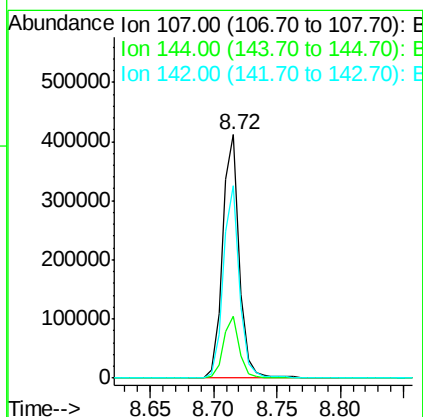
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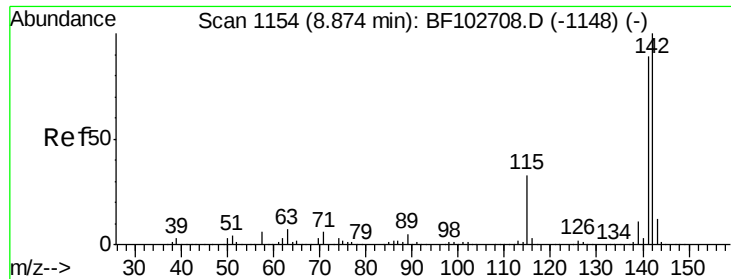
Sohil
 2/13/2018 1:34:12 PM



#36
 4-Chloro-3-methylphenol
 Concen: 41.272 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	20.5	30.7
142	79.0	62.0	93.0





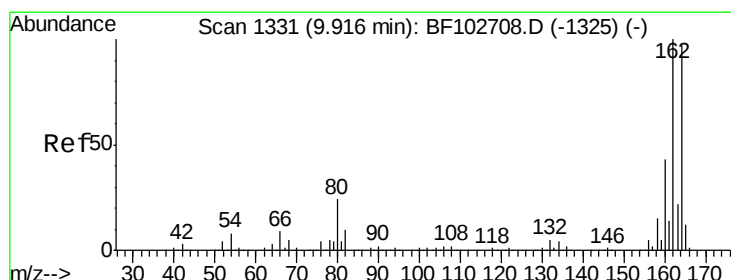
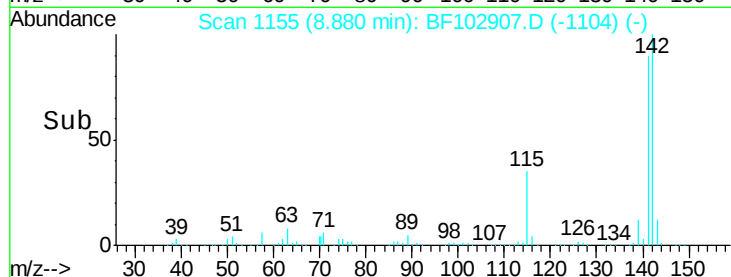
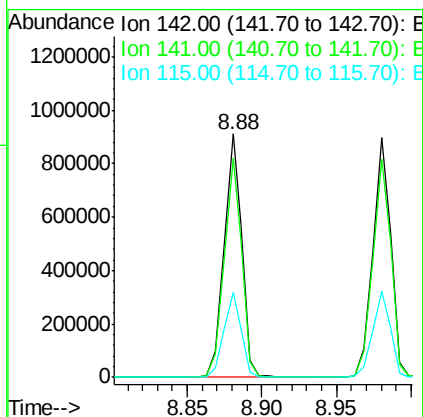
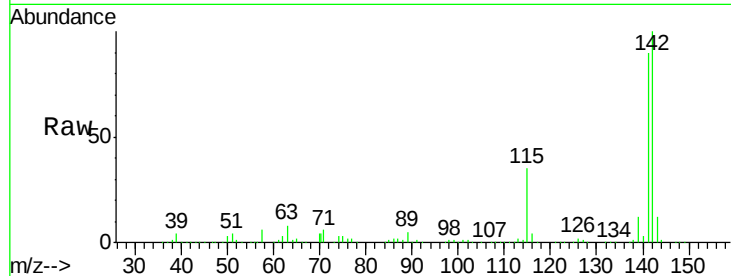
#37
2-Methylnaphthalene
Concen: 37.542 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.8	106.2
115	34.9	26.1	39.1

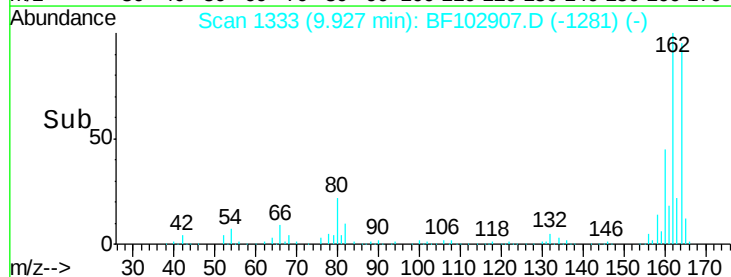
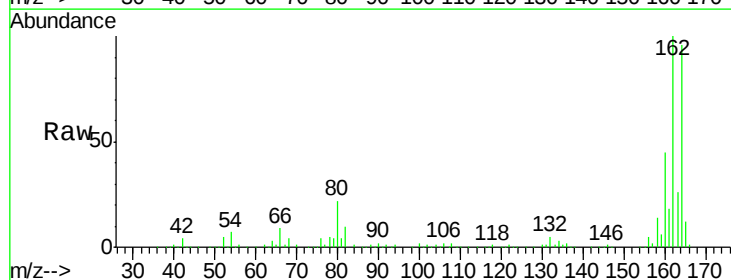
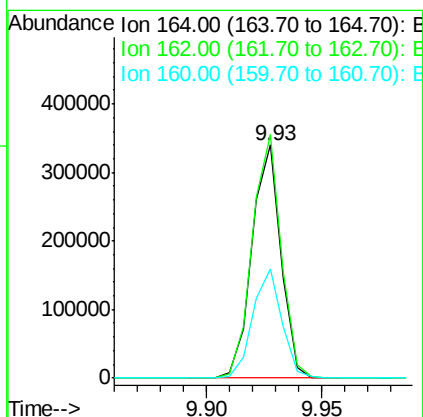
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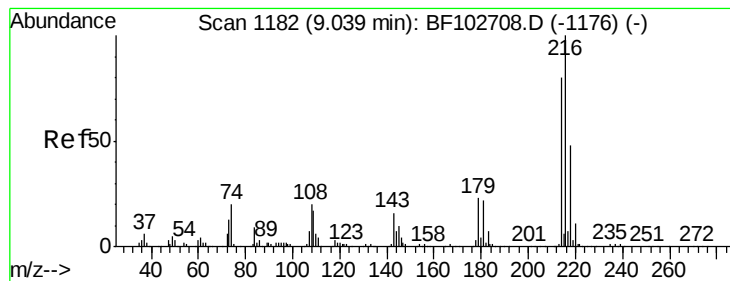
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	46.8	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.984 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Instrument :

BNA_F

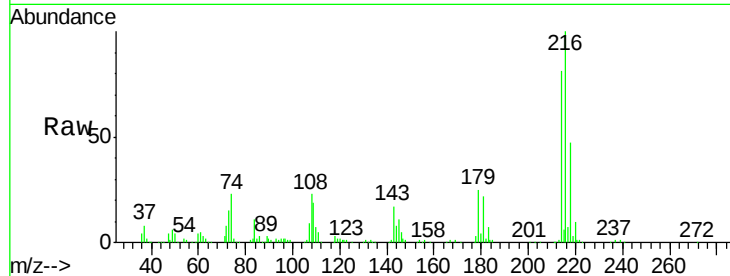
ClientSampleId :

SSTDCCC040

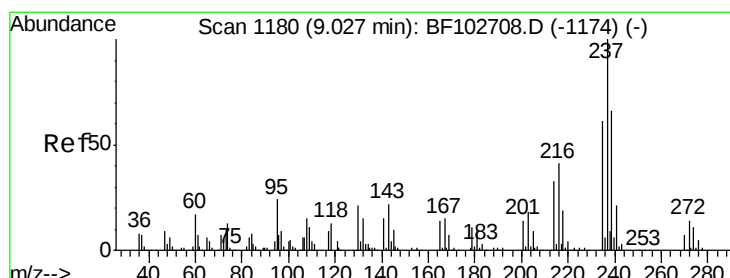
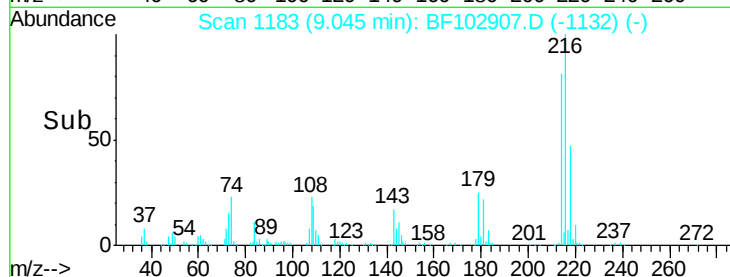
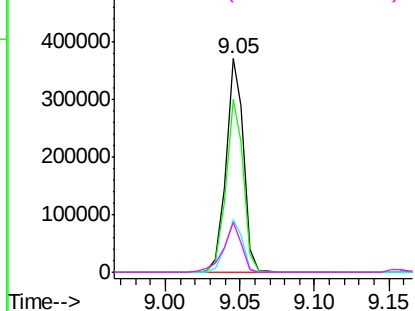
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		308255		
214	80.1		63.0	94.4	
179	24.0		18.1	27.1	
108	24.2		17.2	25.8	

Manual Integrations
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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 35.056 ng

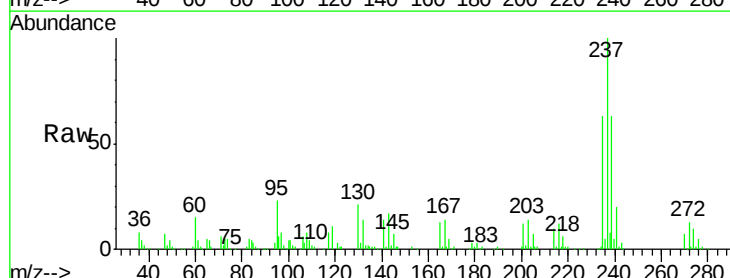
RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

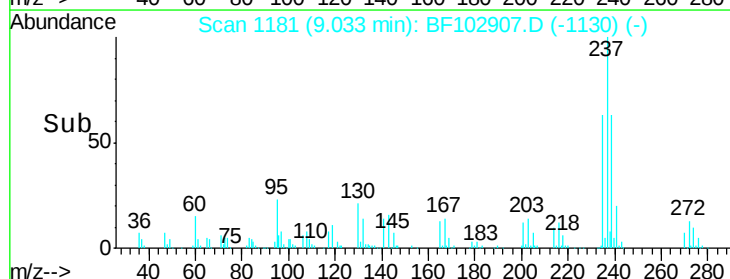
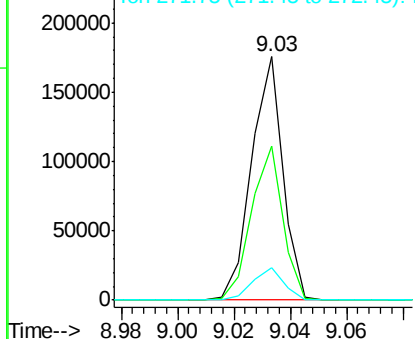
Lab File: BF102907.D

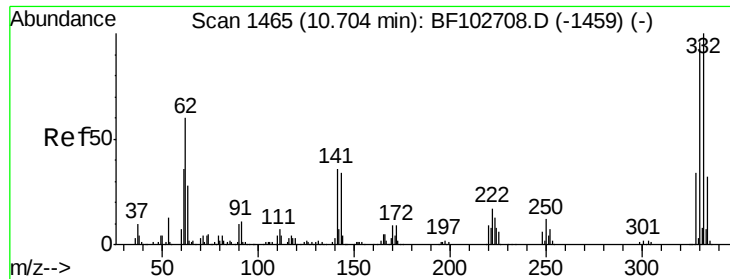
Acq: 12 Feb 2018 9:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		135244		
235	63.3		44.8	84.8	
272	13.4		0.0	33.3	



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 86.431 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:330 Resp: 207345

Ion Ratio Lower Upper

330 100

332 102.3 77.0 115.6

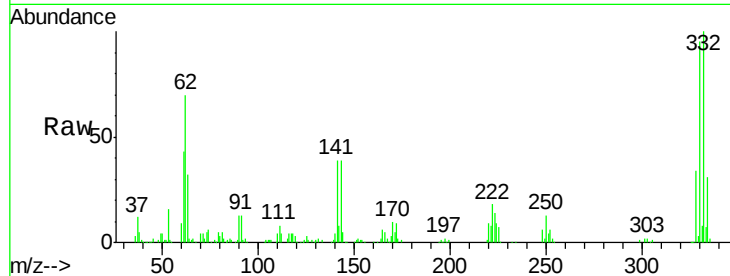
141 41.6 29.9 44.9

Manual Integrations

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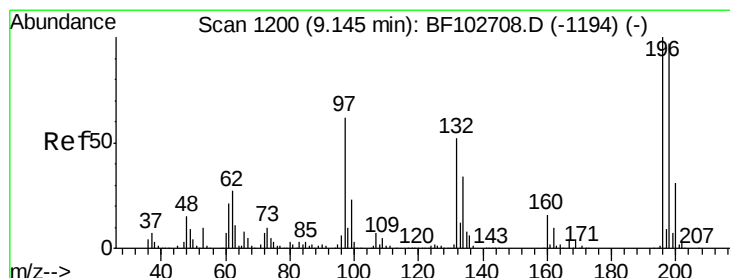
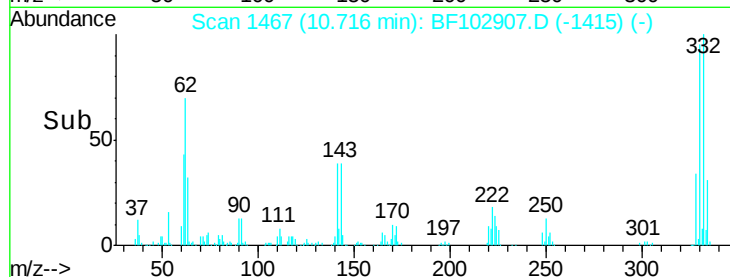
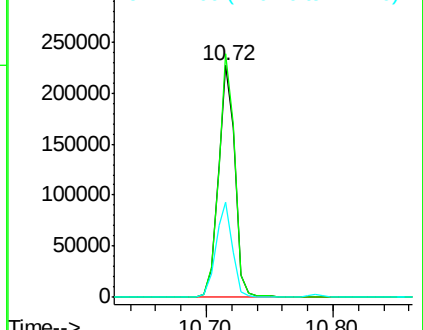
2/13/2018 1:34:12 PM



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 40.561 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

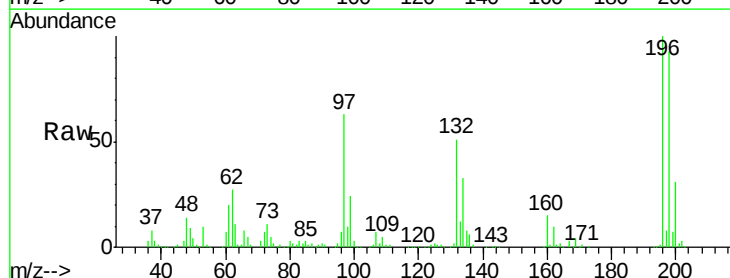
Tgt Ion:196 Resp: 216205

Ion Ratio Lower Upper

196 100

198 93.3 75.7 113.5

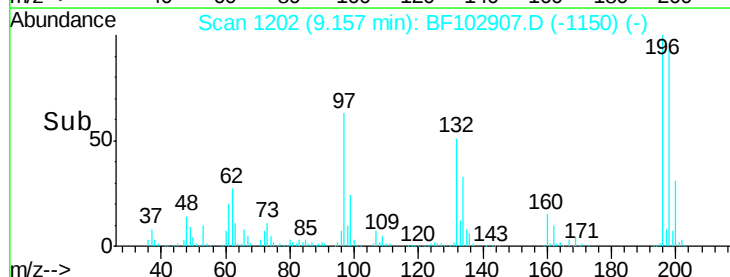
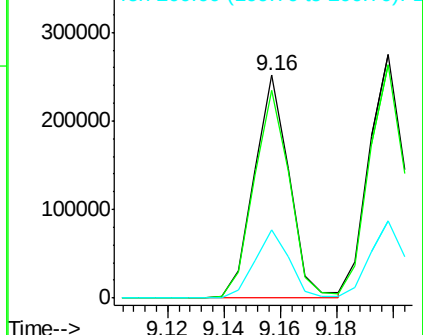
200 30.8 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





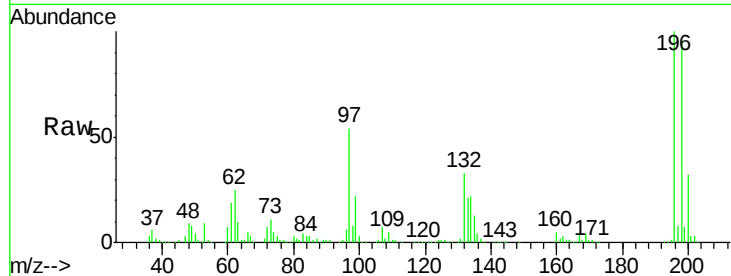
#43
 2,4,5-Trichlorophenol
 Concen: 40.268 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

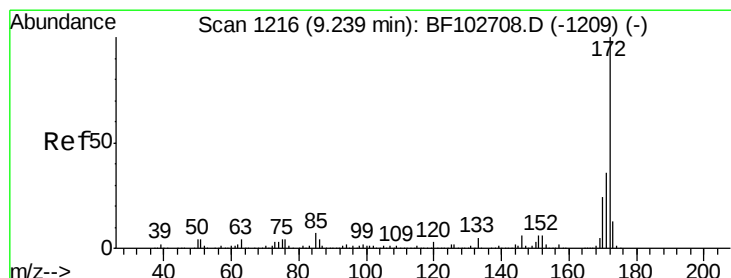
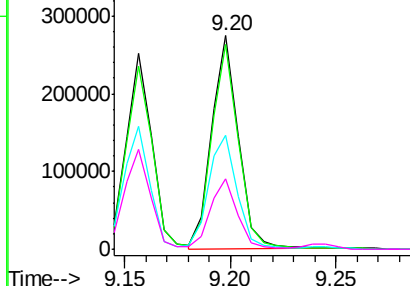
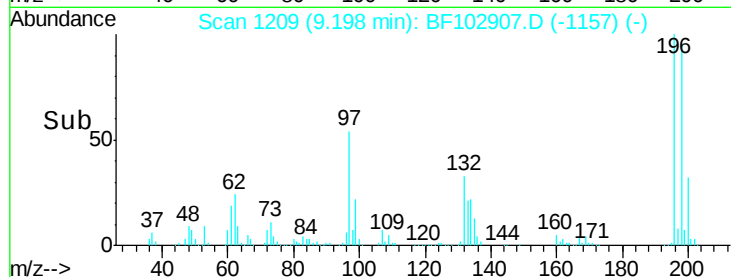
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		241925		
198	96.0		74.6	112.0	
97	53.6		42.9	64.3	
132	33.1		26.3	39.5	

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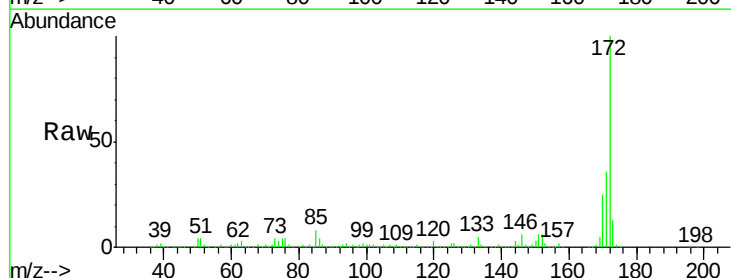


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

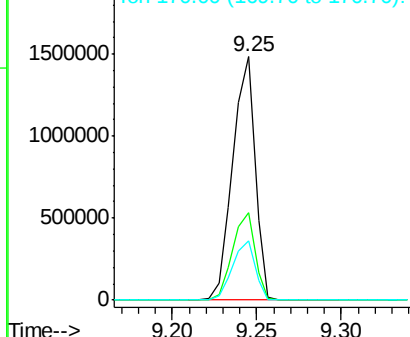
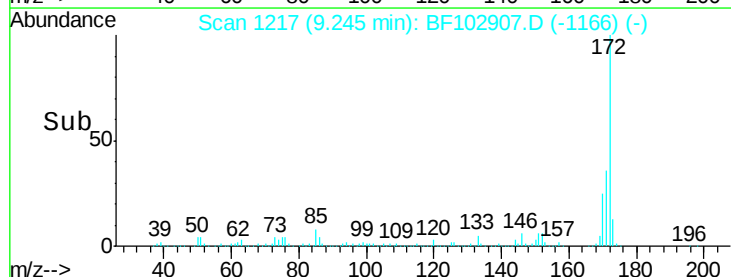


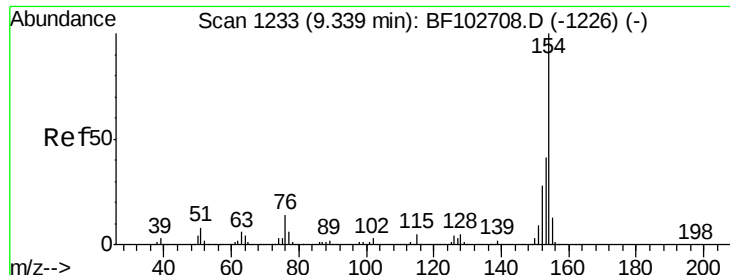
#44
 2-Fluorobiphenyl
 Concen: 76.294 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1370373		
171	35.8		29.7	44.5	
170	24.6		19.6	29.4	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





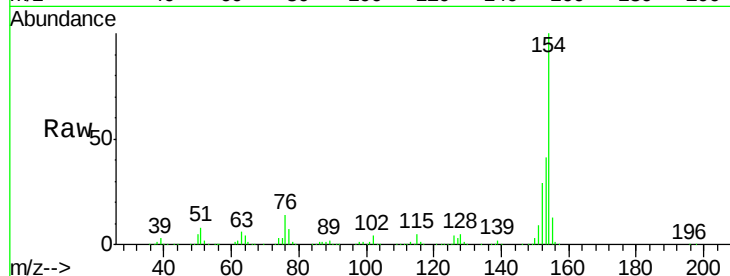
#45
 1,1'-Biphenyl
 Concen: 37.457 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.00 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

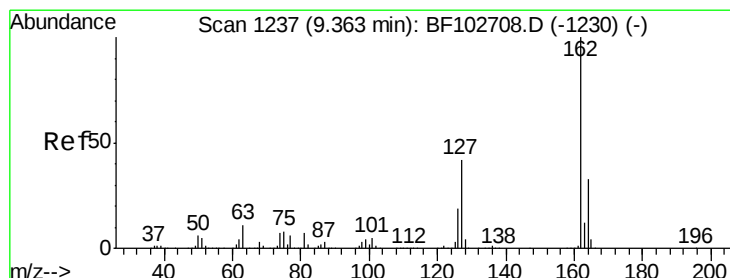
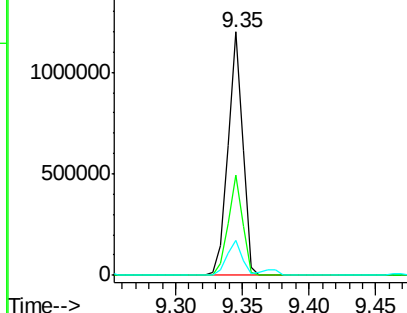
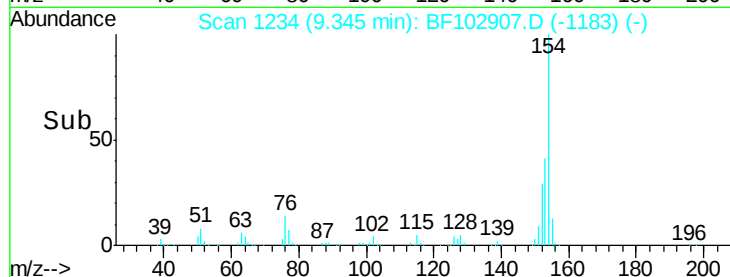
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.9	21.3	61.3	
76	14.5	0.0	34.0	

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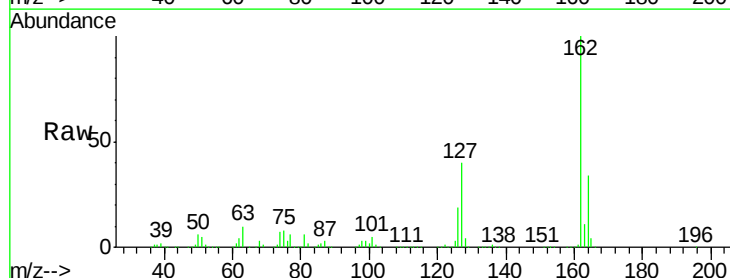


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

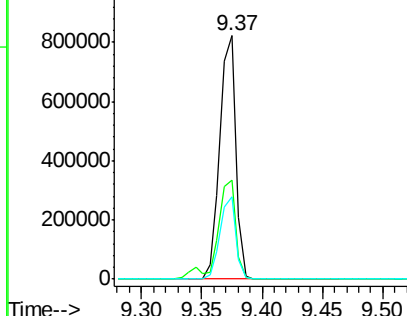
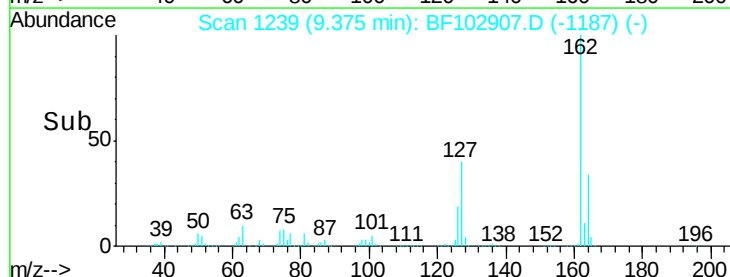


#46
 2-Chloronaphthalene
 Concen: 37.871 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.4	33.9	50.9	
164	33.7	26.5	39.7	



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





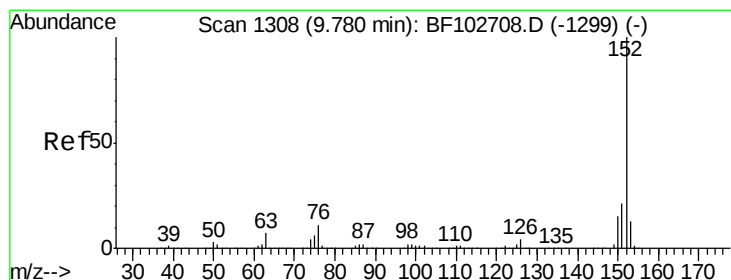
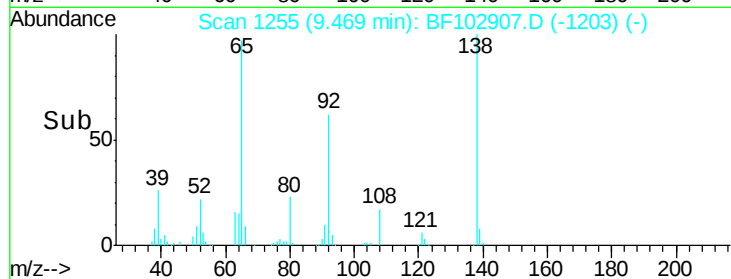
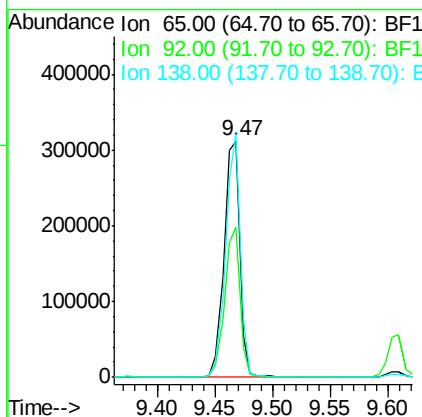
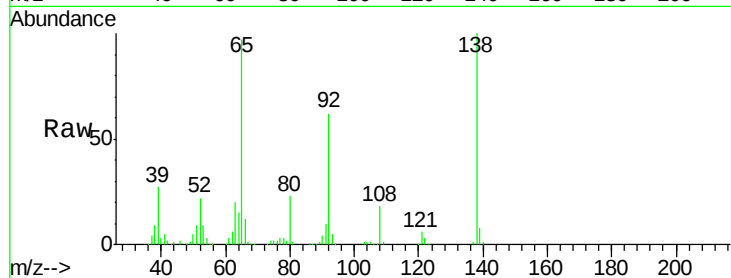
#47
2-Nitroaniline
Concen: 48.830 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.01 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.7	55.8	83.6
138	103.0	91.2	136.8

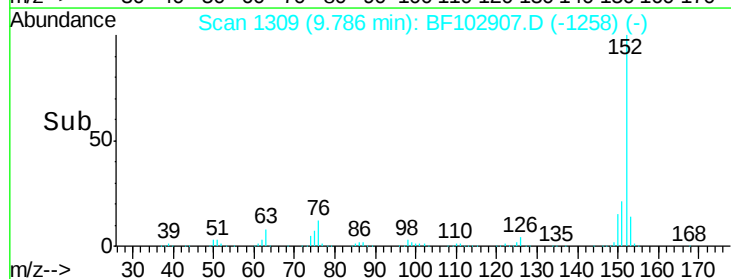
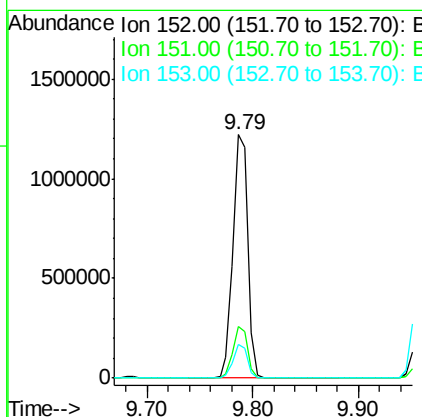
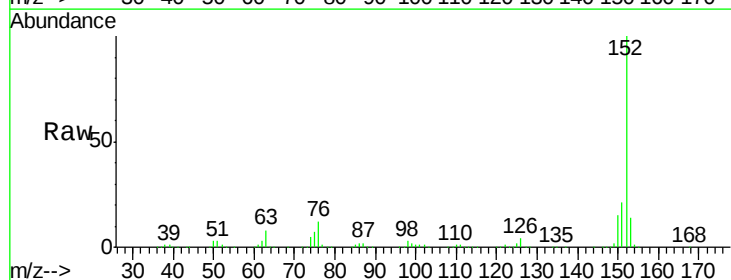
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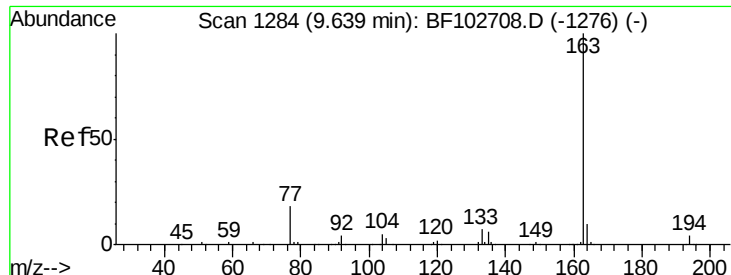
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#48
Acenaphthylene
Concen: 38.123 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	13.6	10.7	16.1





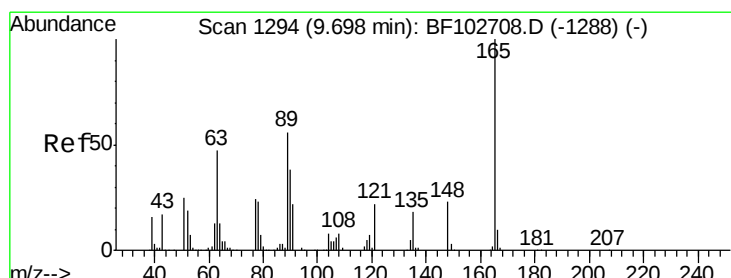
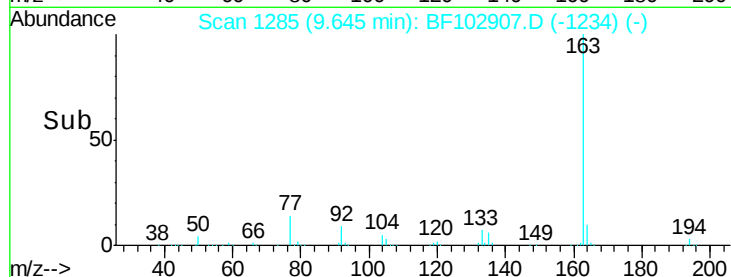
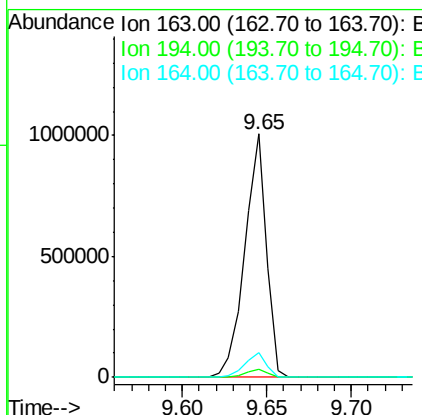
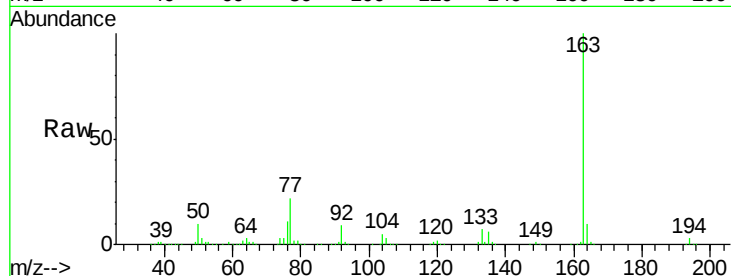
#49
Dimethylphthalate
Concen: 38.803 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.7	4.1	
164	10.3	8.2	12.2	

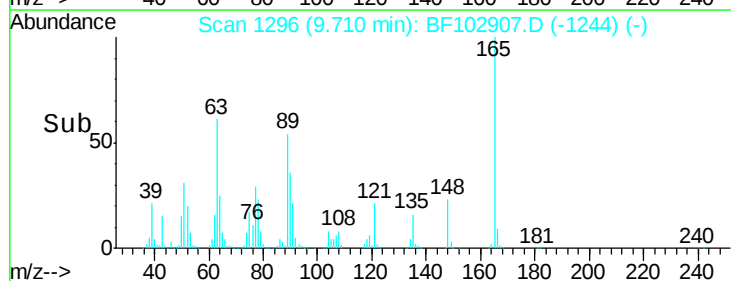
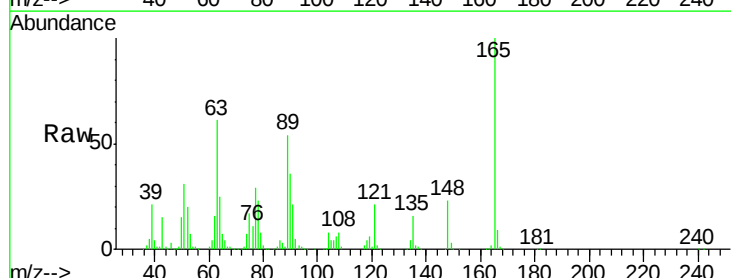
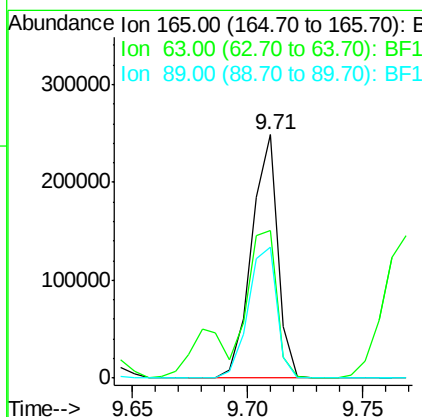
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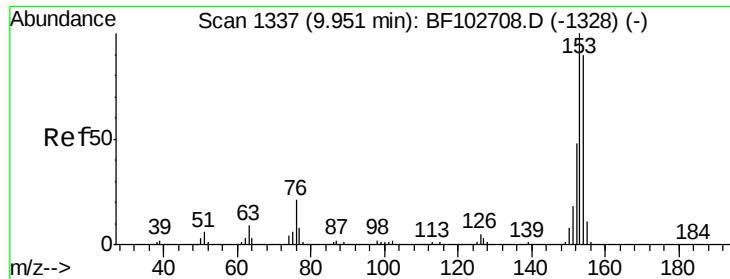
Sohil
2/13/2018 1:34:12 PM



#50
2,6-Dinitrotoluene
Concen: 44.515 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	60.6	44.7	67.1	
89	53.9	44.0	66.0	





#51

Acenaphthene

Concen: 38.819 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Instrument :

BNA_F

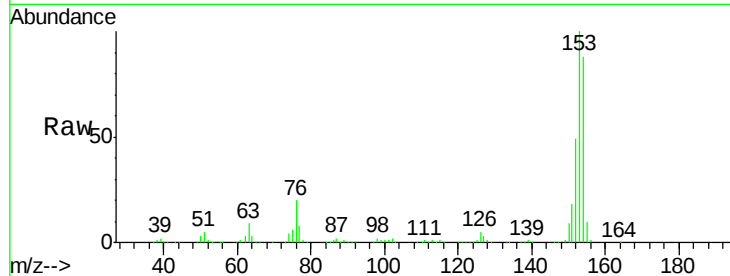
ClientSampleId :

SSTDCCC040

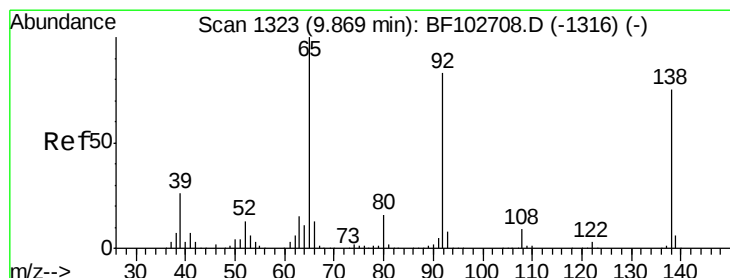
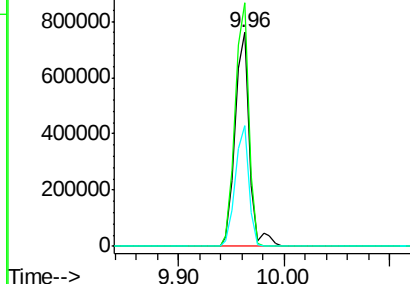
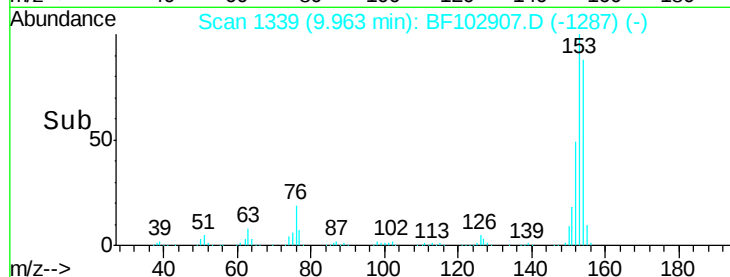
Tot Ion:	154	Resp:	712613
Ion Ratio	Lower	Upper	
154	100		
153	113.9	91.2	136.8
152	56.3	43.8	65.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 45.954 ng

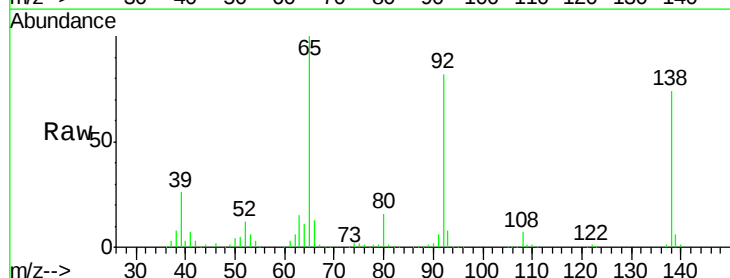
RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

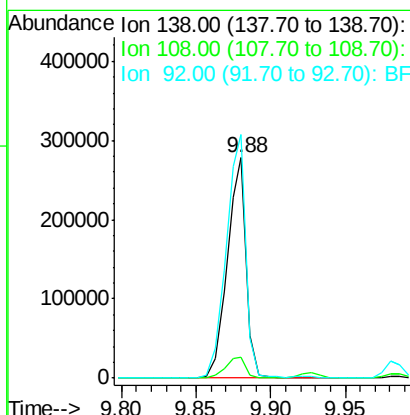
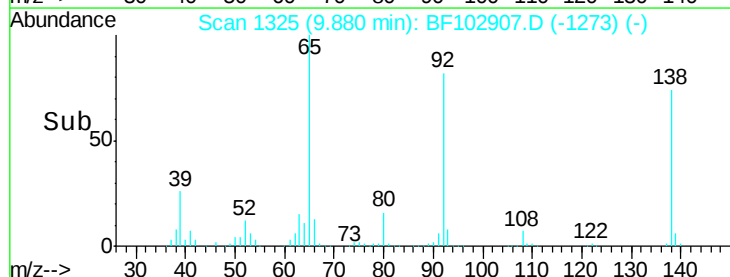
Lab File: BF102907.D

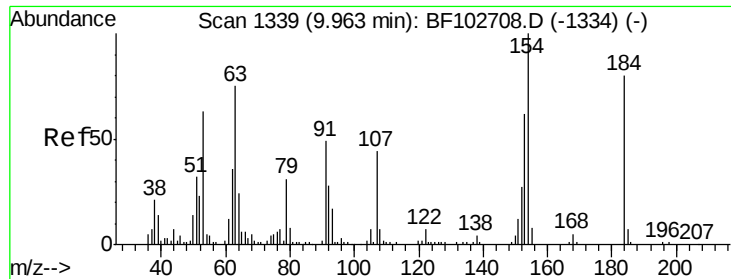
Acq: 12 Feb 2018 9:09

Tgt Ion:	138	Resp:	250001
Ion Ratio	Lower	Upper	
138	100		
108	9.8	9.4	14.0
92	110.5	89.4	134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





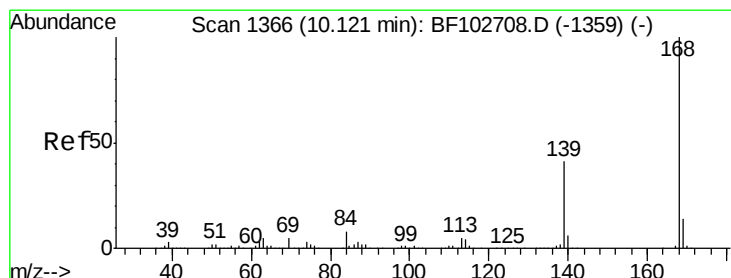
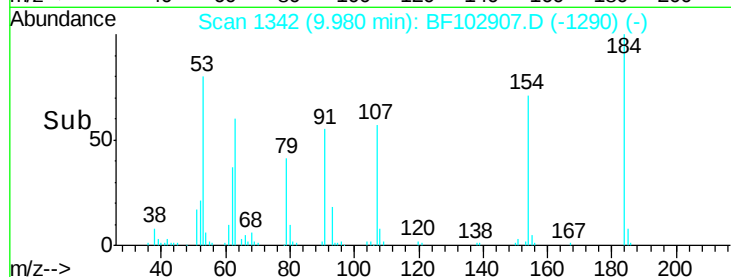
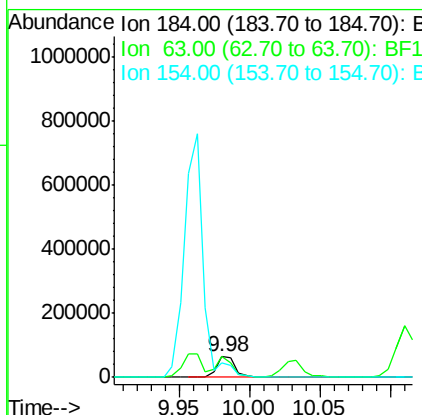
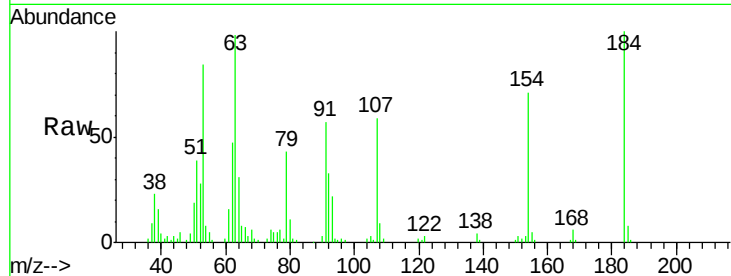
#53
2,4-Dinitrophenol
Concen: 54.643 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	97.5	54.2	81.2#
154	70.5	184.0	276.0#

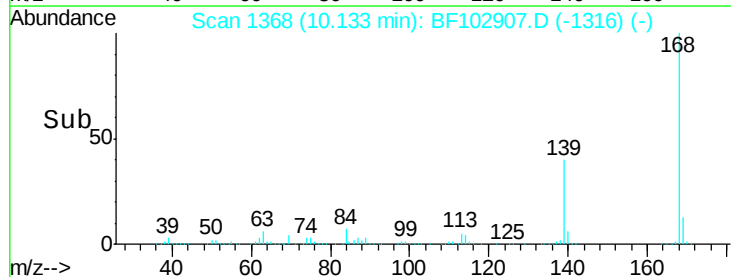
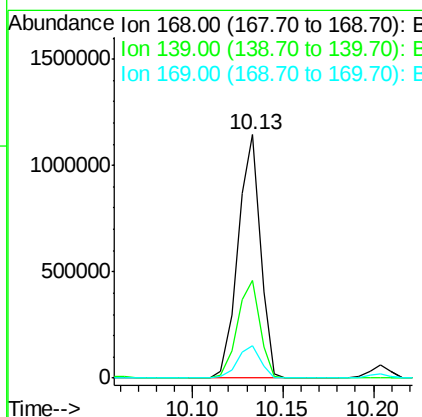
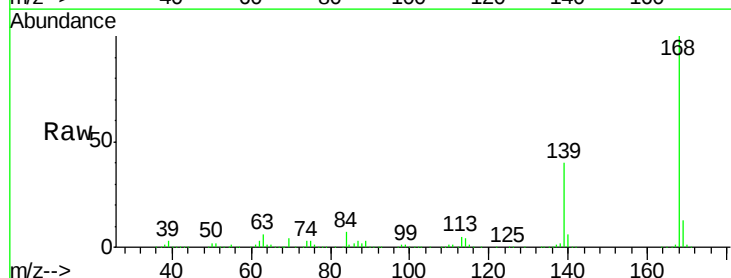
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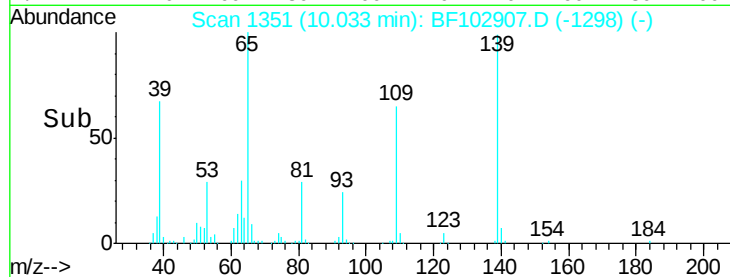
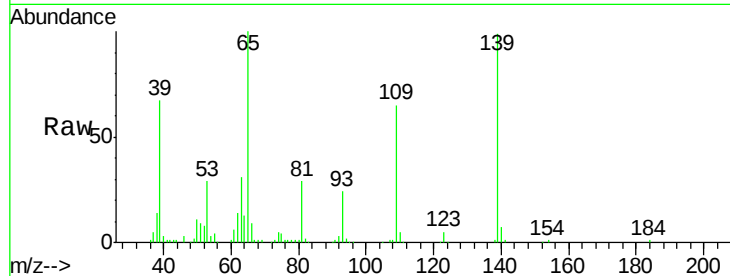
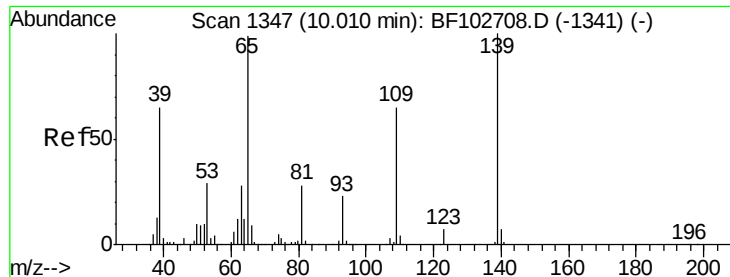
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#54
Dibenzofuran
Concen: 37.976 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.1	30.1	45.1
169	13.4	10.9	16.3





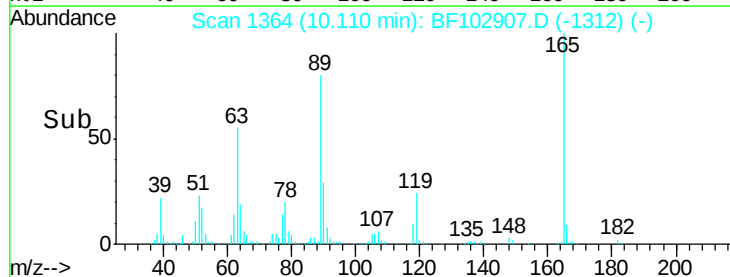
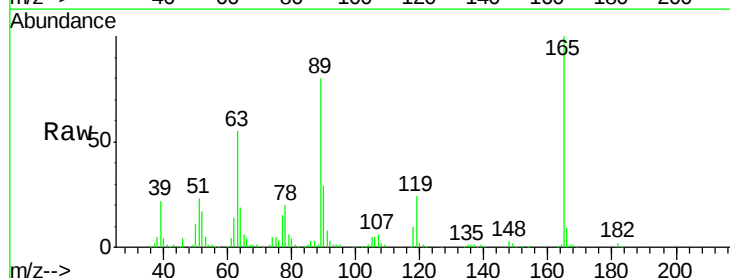
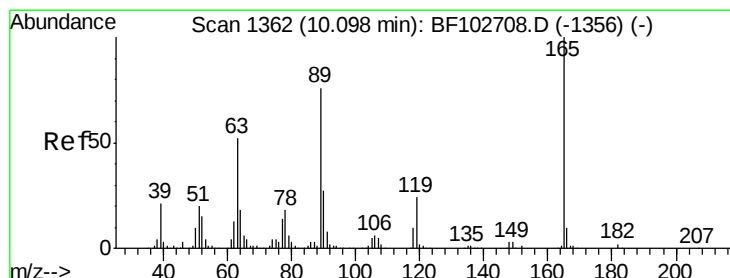
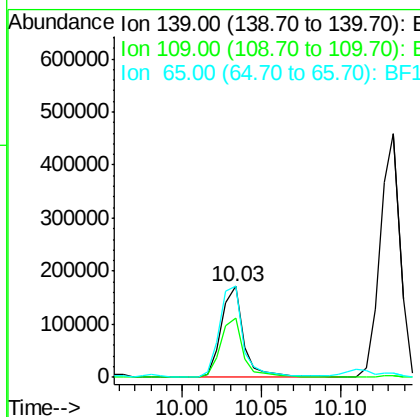
#55
4-Nitrophenol
Concen: 40.064 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100	169660		
109	65.4	48.4	88.4	
65	101.1	72.6	112.6	

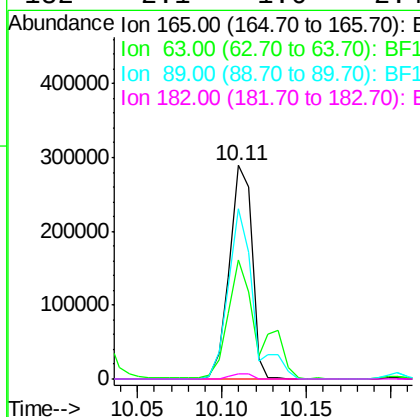
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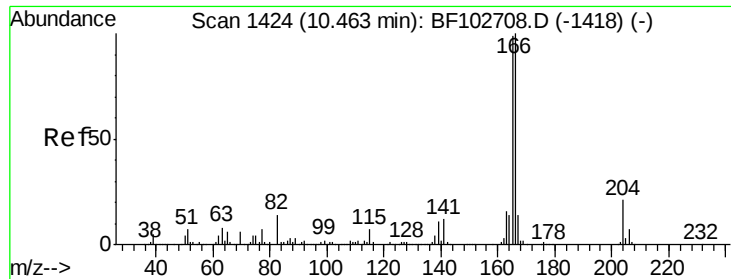
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#56
2,4-Dinitrotoluene
Concen: 45.252 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	267218		
63	55.5	36.4	54.6#	
89	79.9	57.8	86.6	
182	2.1	1.6	2.4	





#57

Fluorene

Concen: 40.301 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Instrument :

BNA_F

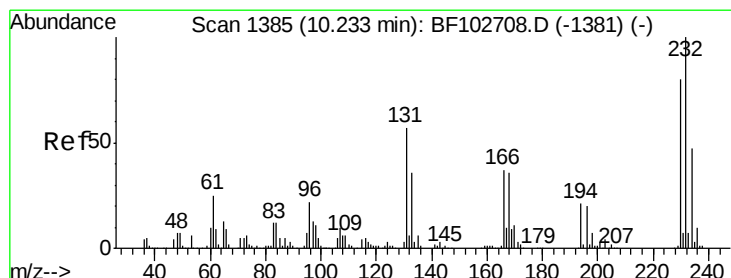
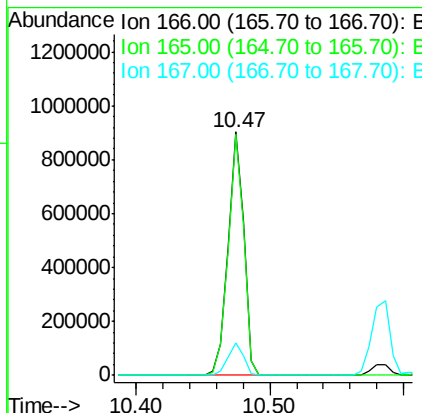
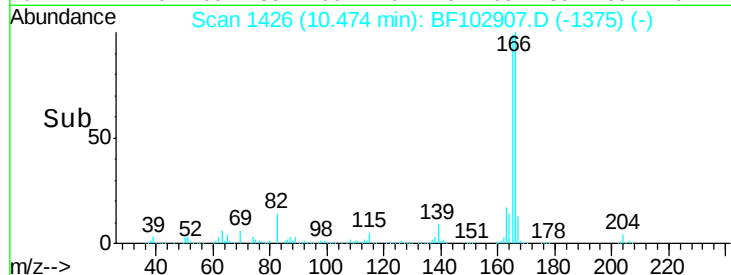
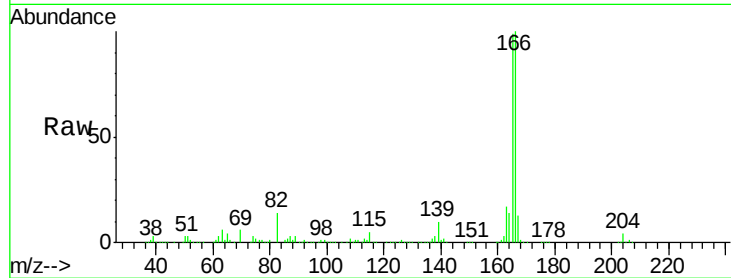
ClientSampleId :

SSTDCCC040

Tot Ion:	166	Resp:	758581
Ion Ratio		Lower	Upper
166	100		
165	99.1	79.8	119.8
167	13.4	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.506 ng

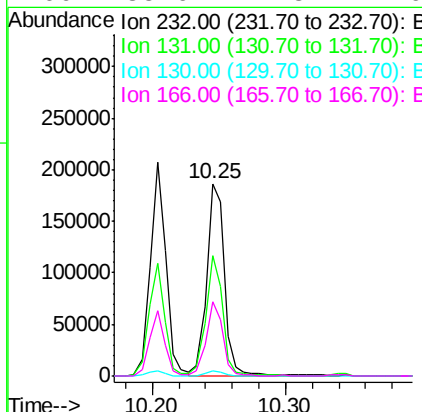
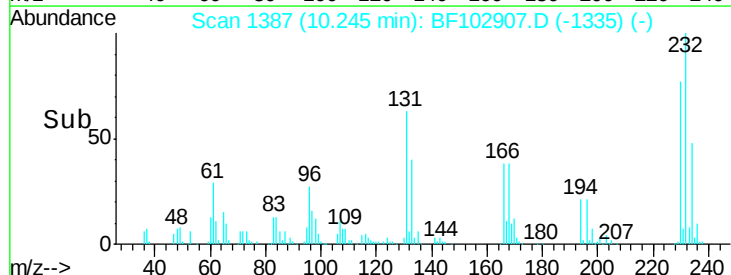
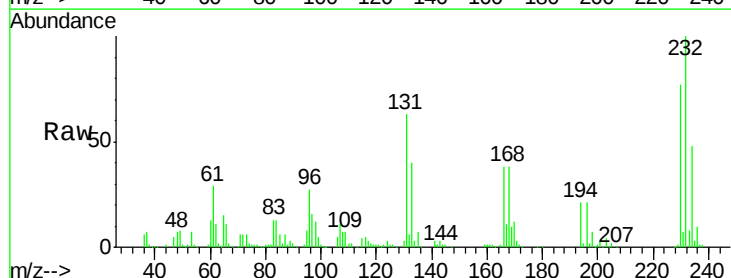
RT: 10.25 min Scan# 1387

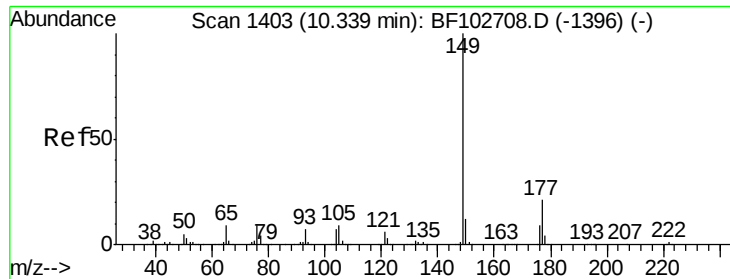
Delta R.T. 0.01 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Tgt Ion:	232	Resp:	172829
Ion Ratio		Lower	Upper
232	100		
131	58.3	43.8	65.8
130	2.7	2.1	3.1
166	35.6	27.8	41.6





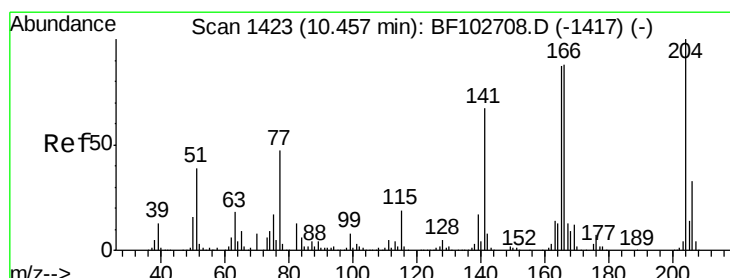
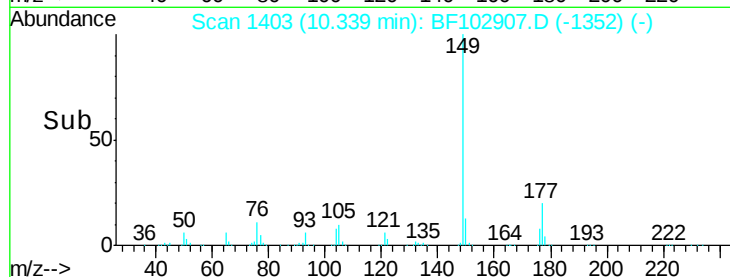
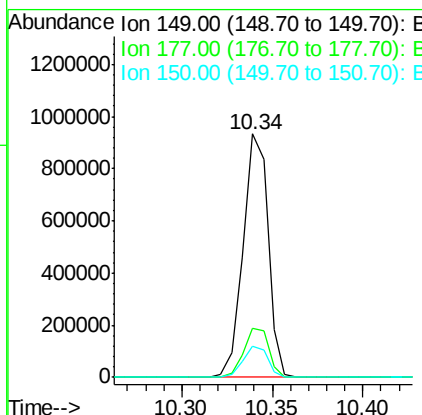
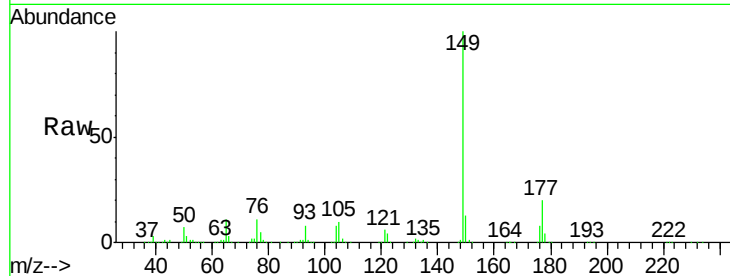
#59
Diethylphthalate
Concen: 38.942 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	19.9	16.1	24.1
150	12.7	10.1	15.1

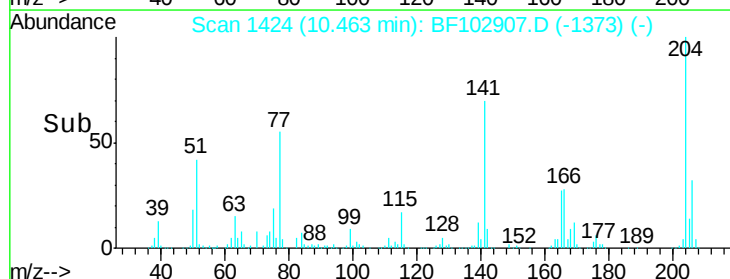
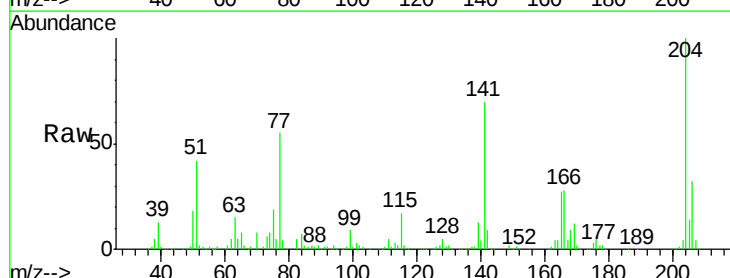
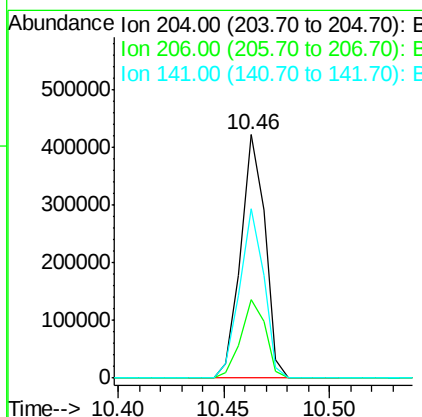
Manual Integrations
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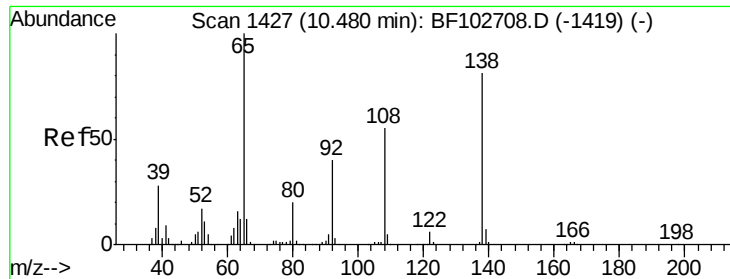
Sohil
2/13/2018 1:34:12 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.352 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.5	39.7
141	69.7	54.6	81.8





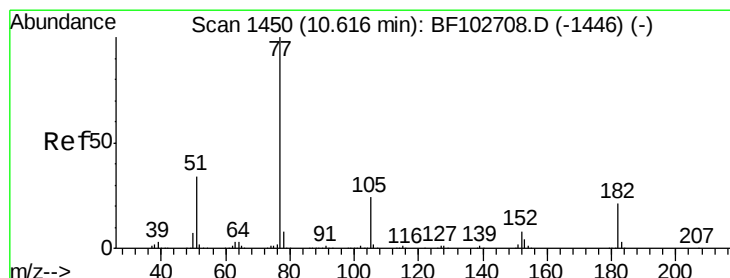
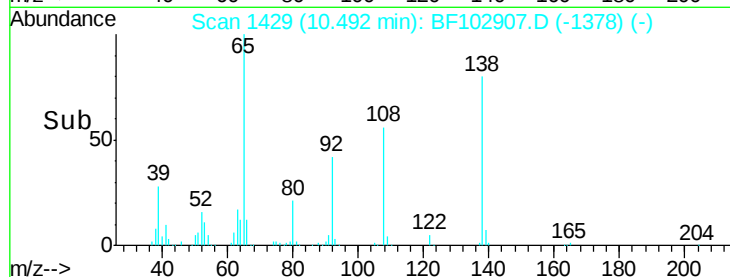
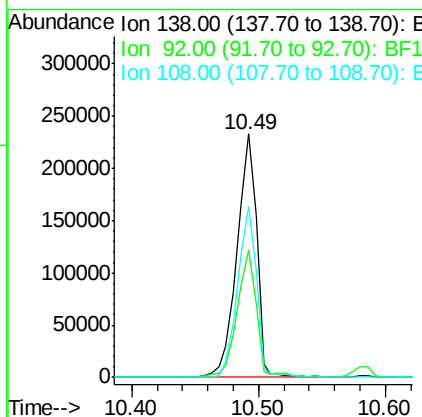
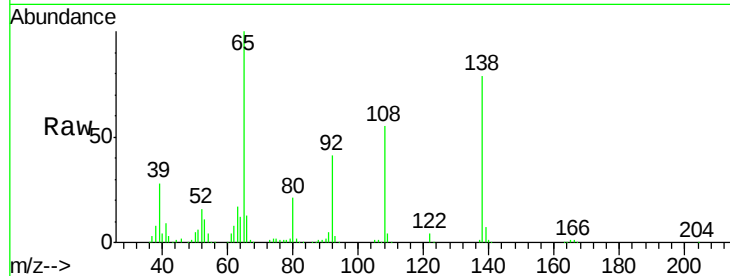
#61
4-Nitroaniline
Concen: 48.154 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.5	30.2	70.2
108	70.0	52.5	92.5

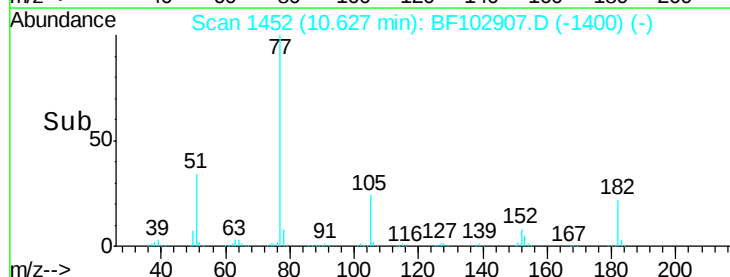
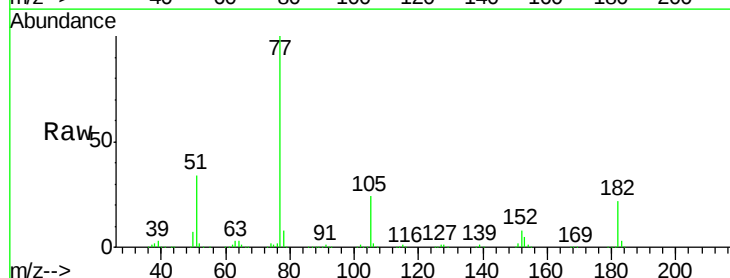
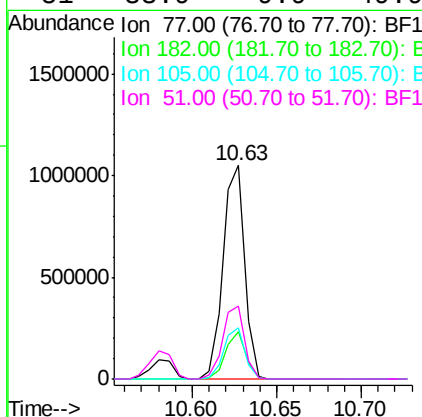
Manual Integrations
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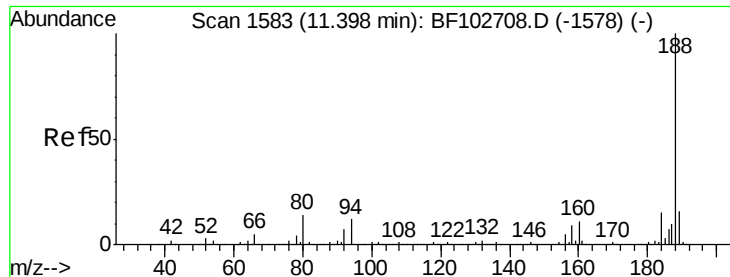
Sohil
2/13/2018 1:34:12 PM



#62
Azobenzene
Concen: 40.644 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.4	1.7	41.7
105	24.2	3.0	43.0
51	33.9	9.9	49.9





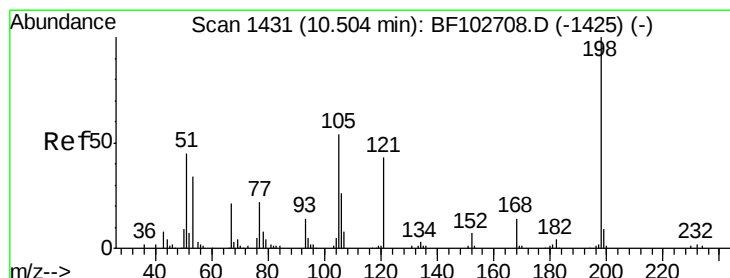
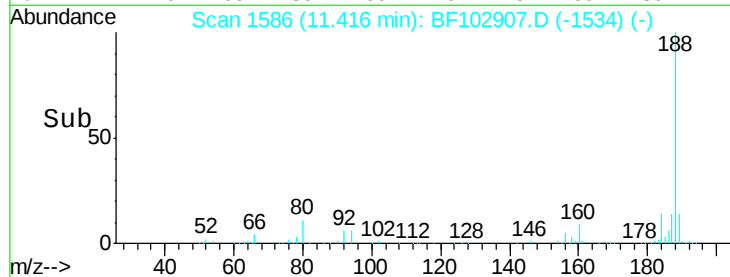
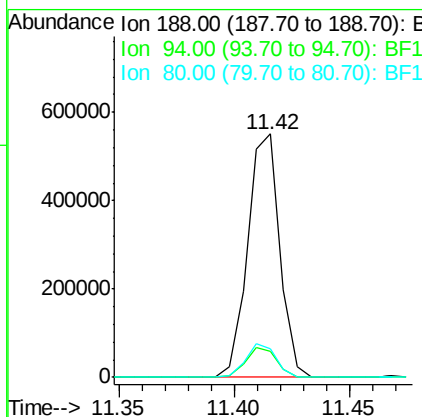
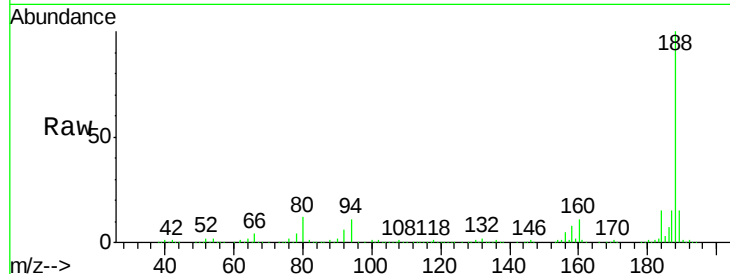
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	534777		
94	10.8		8.5	12.7
80	11.9		9.2	13.8

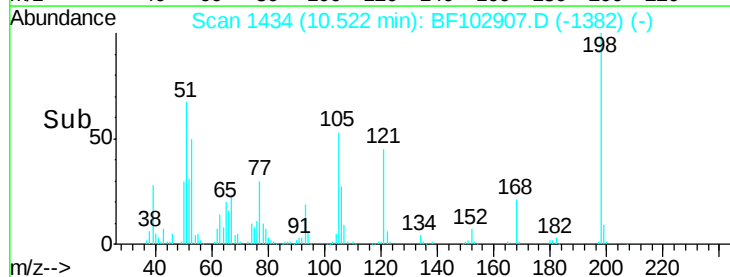
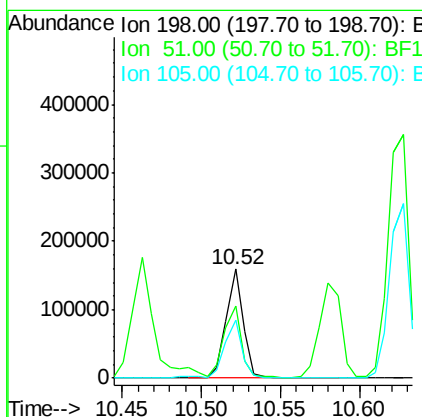
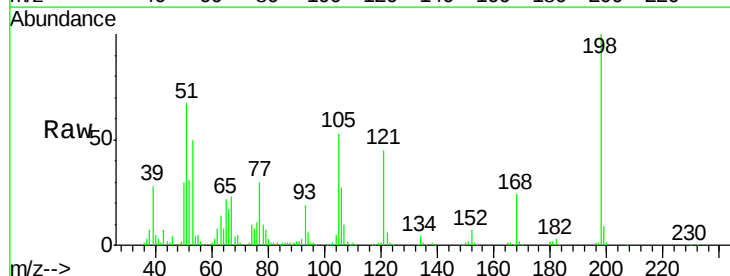
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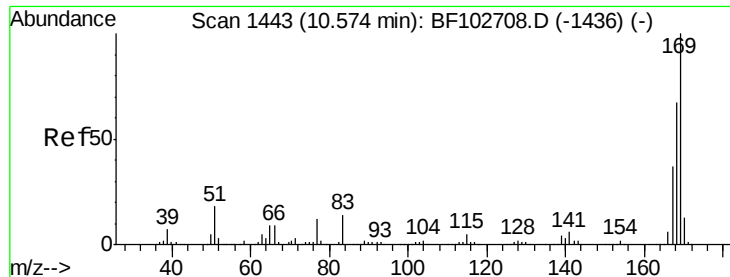
Sohil
2/13/2018 1:34:12 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 52.292 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	120047		
51	66.8		37.7	77.7
105	52.9		36.3	76.3





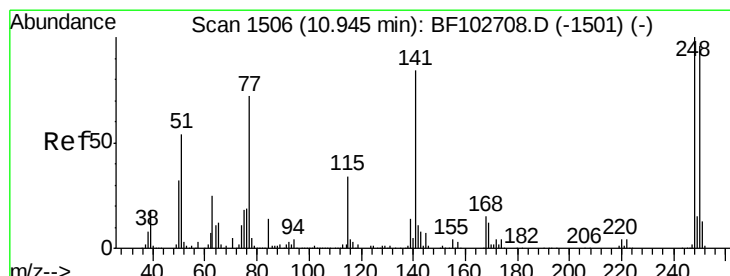
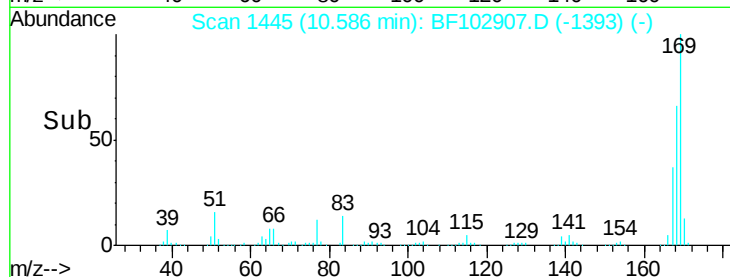
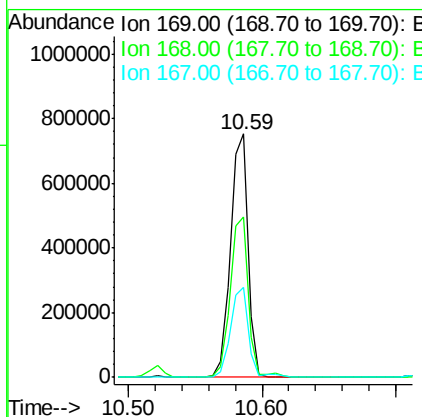
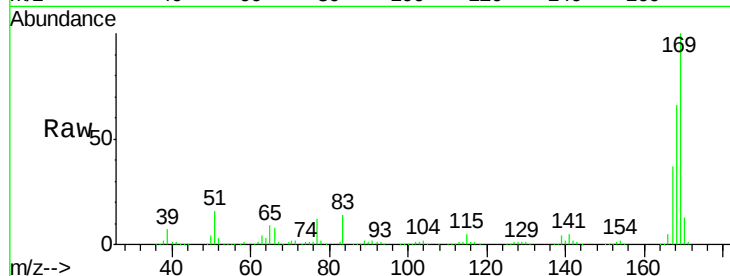
#65
 n-Nitrosodiphenylamine
 Concen: 37.046 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. 0.01 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	698809		
168	65.8		54.4	81.6
167	36.9		29.8	44.6

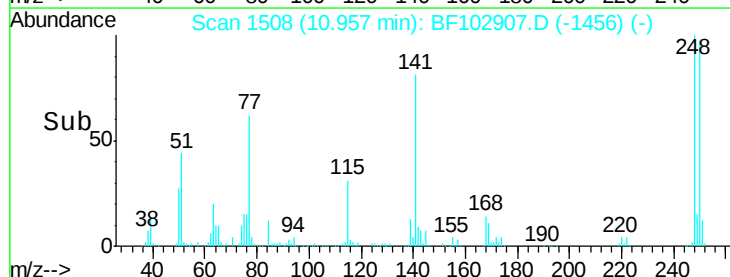
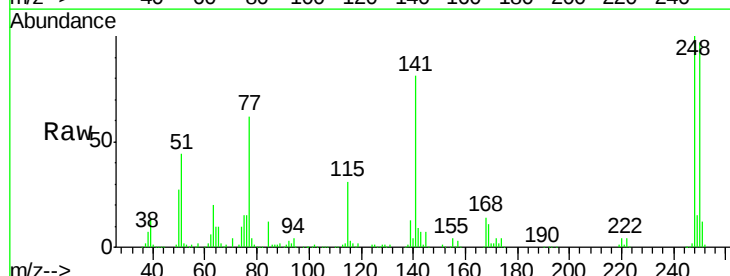
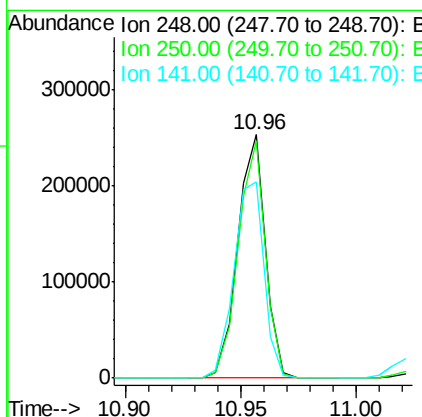
Manual Integrations
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#66
 4-Bromophenyl-phenylether
 Concen: 37.309 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.01 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	211056		
250	97.3		76.9	115.3
141	80.7		74.4	111.6





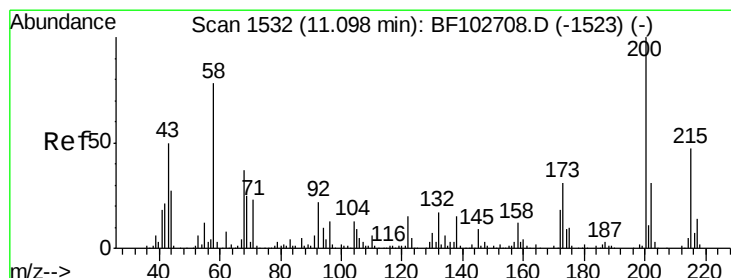
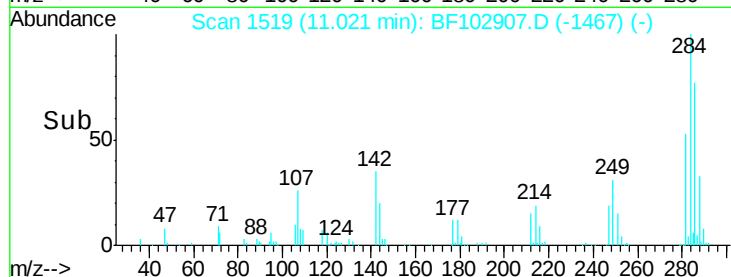
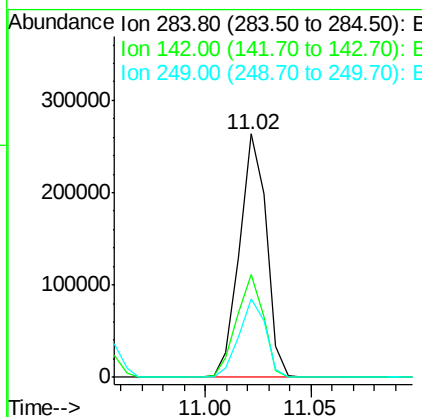
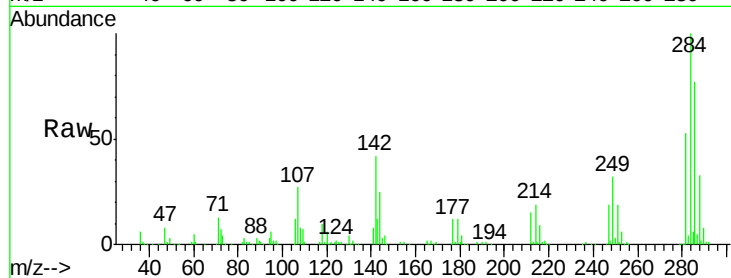
#67
Hexachlorobenzene
Concen: 37.130 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	231719		
142	42.3	34.6	52.0	
249	32.4	24.8	37.2	

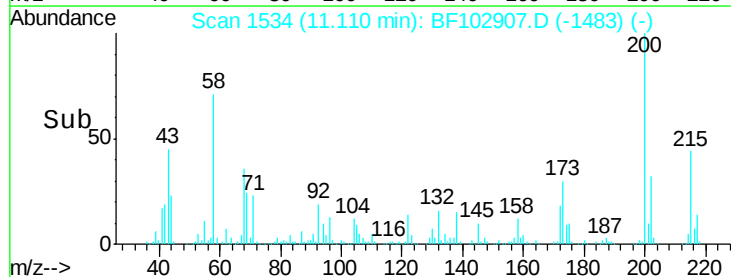
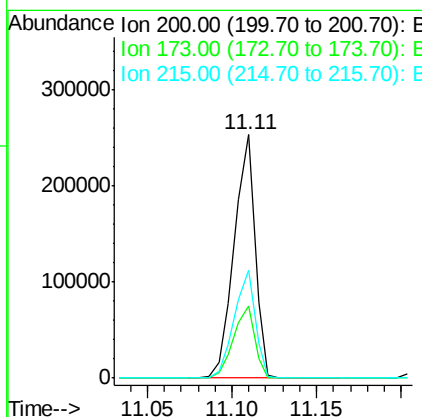
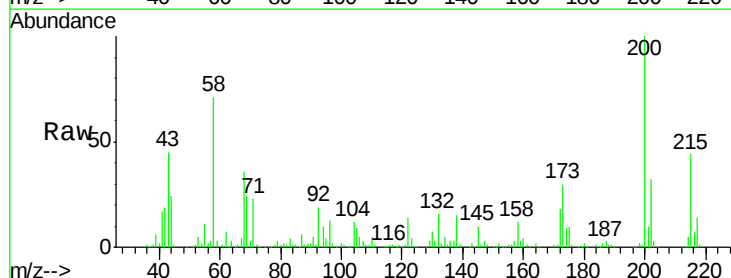
Manual Integrations
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2/13/2018 1:34:12 PM



#68
Atrazine
Concen: 39.247 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.00 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	218403		
173	29.6	8.6	48.6	
215	44.4	25.1	65.1	





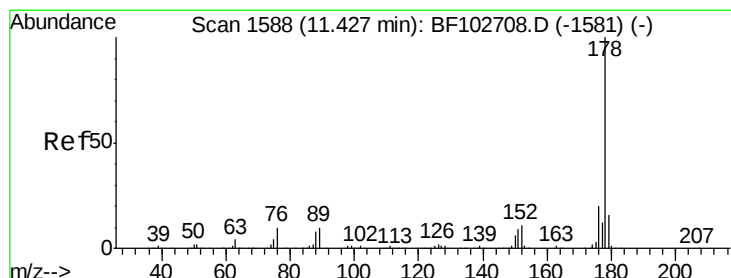
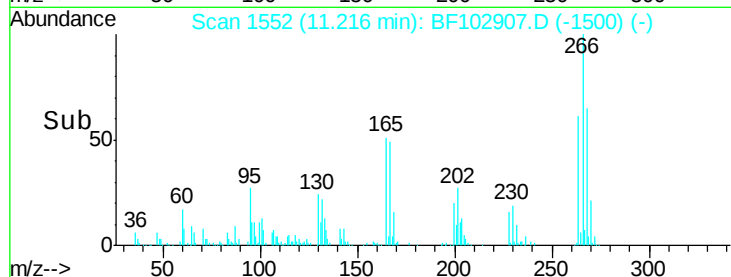
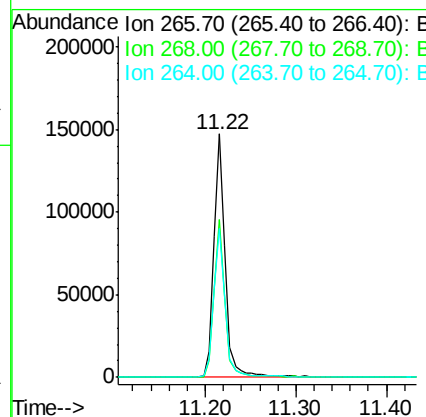
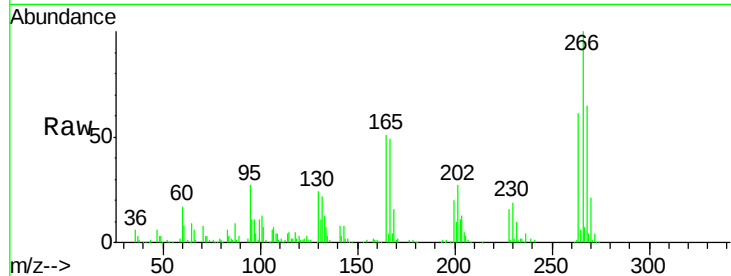
#69
 Pentachlorophenol
 Concen: 36.231 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	132727		
268	65.1	51.1	76.7	
264	61.1	49.5	74.3	

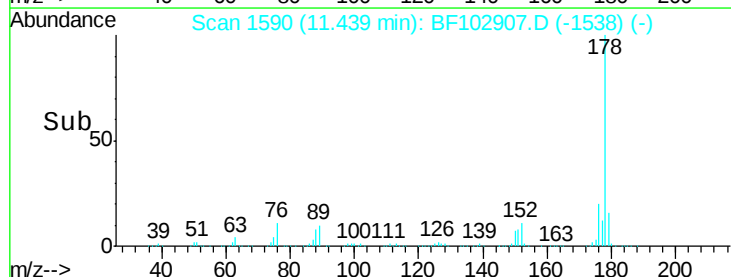
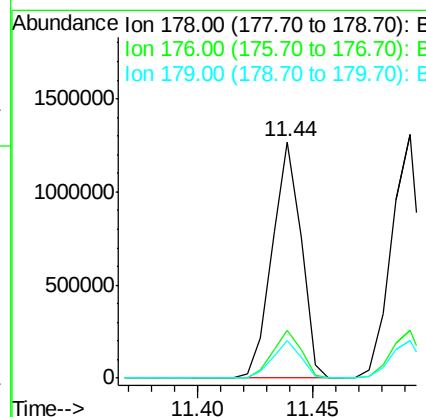
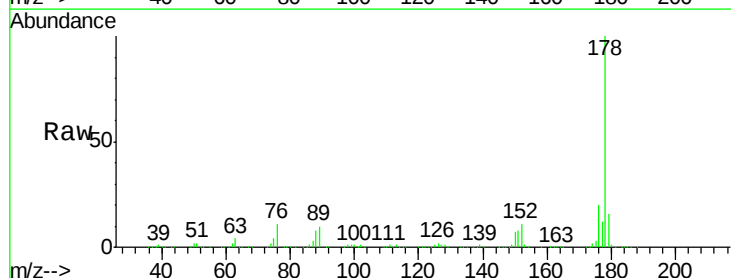
Manual Integrations
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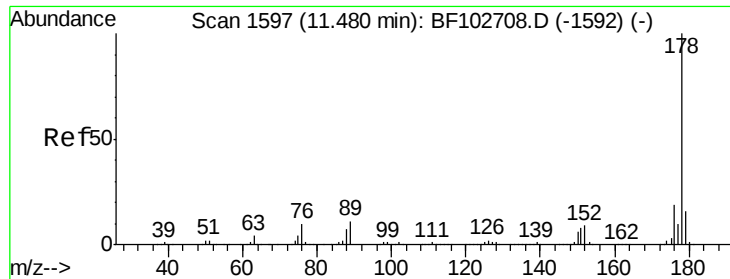
Sohil
 2/13/2018 1:34:12 PM



#70
 Phenanthrene
 Concen: 37.140 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1106155		
176	20.0	15.8	23.8	
179	15.7	13.0	19.6	





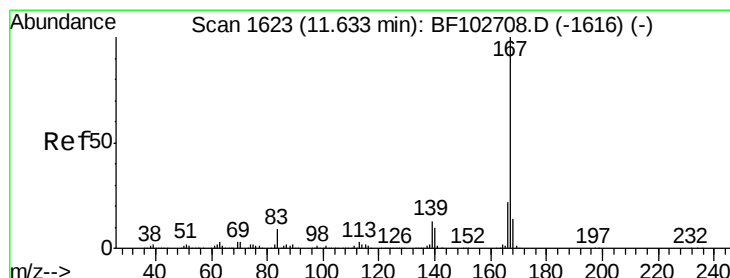
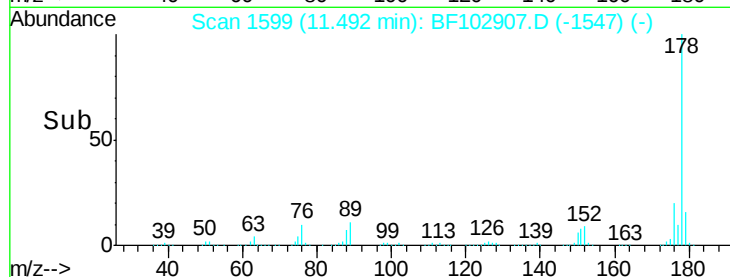
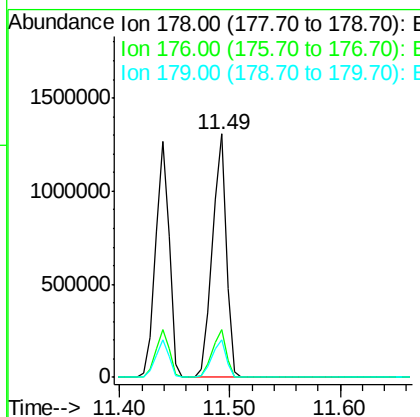
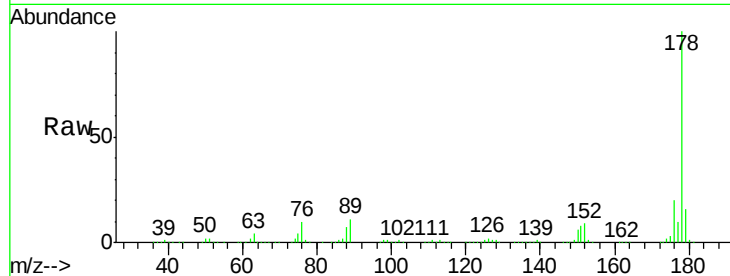
#71
 Anthracene
 Concen: 37.078 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1123206
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 15.6 12.6 19.0

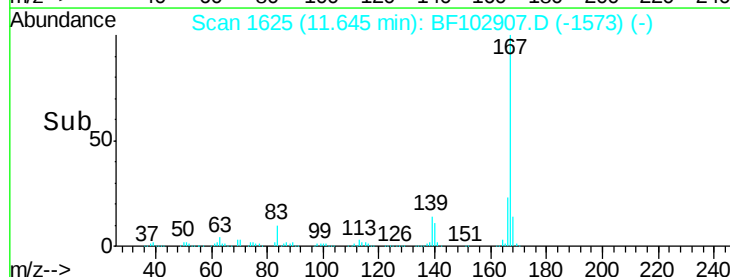
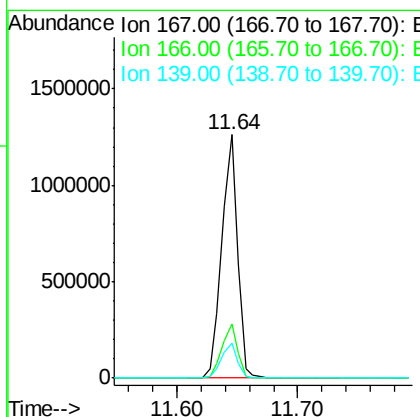
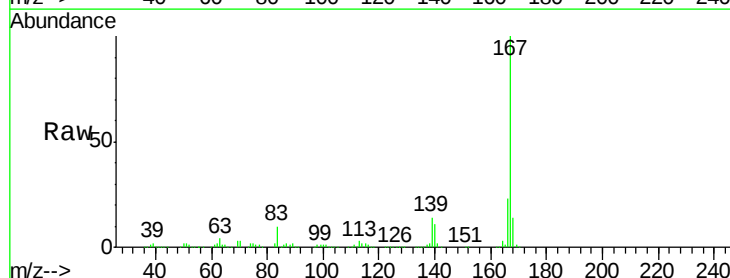
Manual Integrations
 APPROVED

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 2/13/2018 1:34:12 PM



#72
 Carbazole
 Concen: 38.279 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

Tgt Ion:167 Resp: 1136026
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 14.3 10.9 16.3





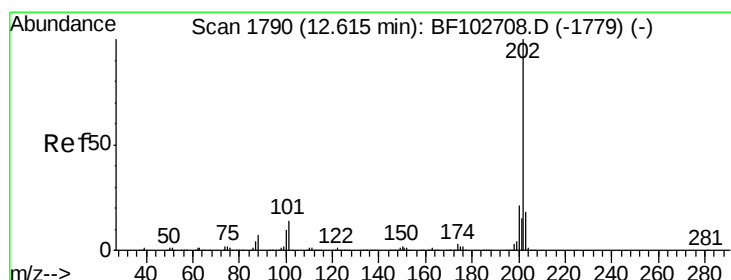
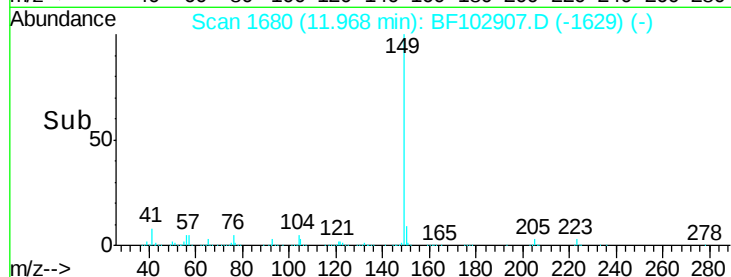
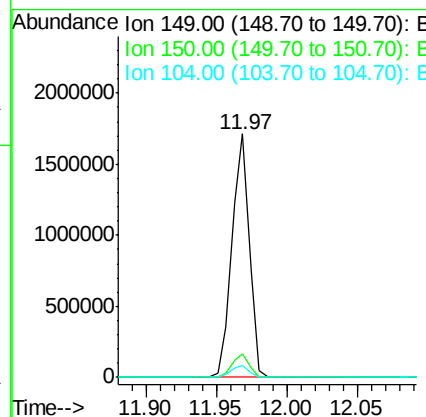
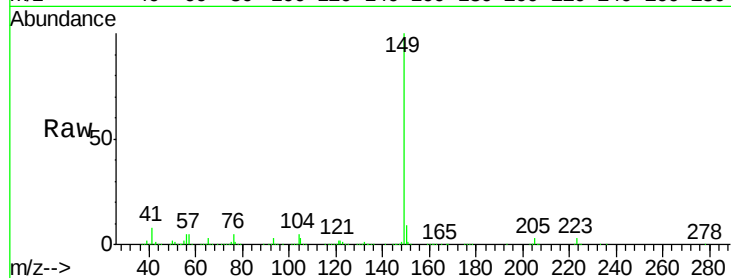
#73
Di-n-butylphthalate
Concen: 40.277 ng
RT: 11.97 min Scan# 1680
Delta R.T. -0.00 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	5.0	3.8	5.8

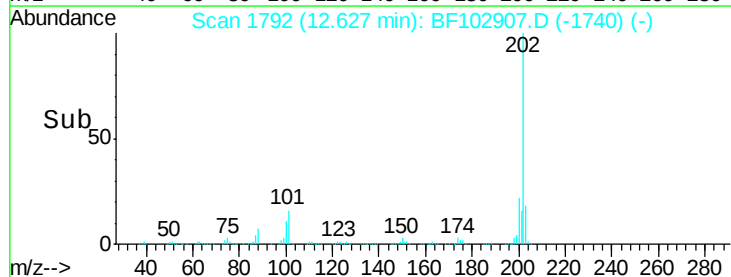
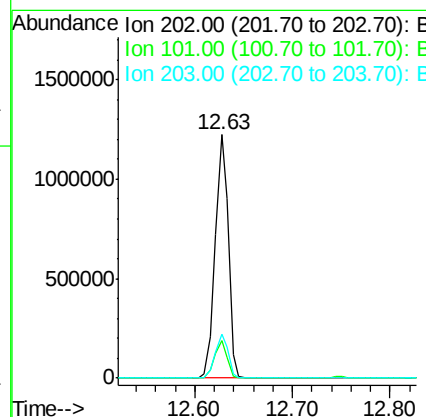
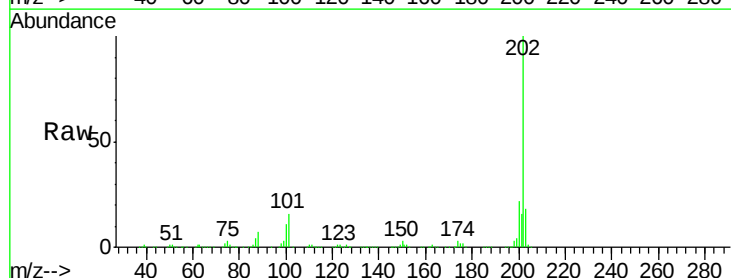
Manual Integrations
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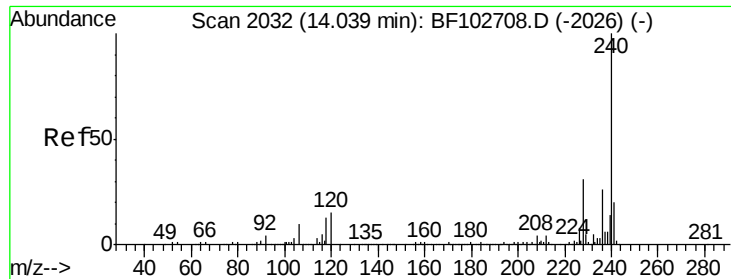
Sohil
2/13/2018 1:34:12 PM



#74
Fluoranthene
Concen: 38.007 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	34.1
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Instrument :

BNA_F

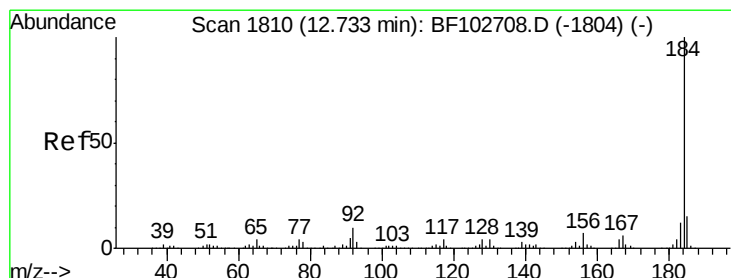
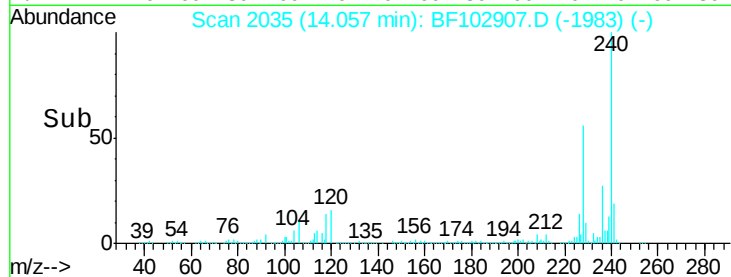
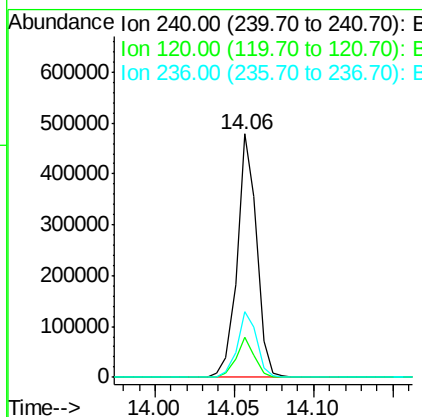
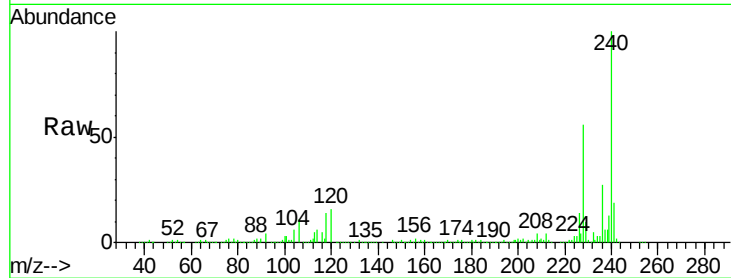
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.2	9.5	14.3
236	27.2	20.7	31.1

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#76

Benzidine

Concen: 47.770 ng

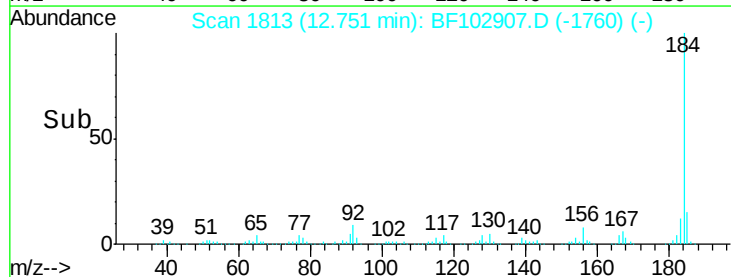
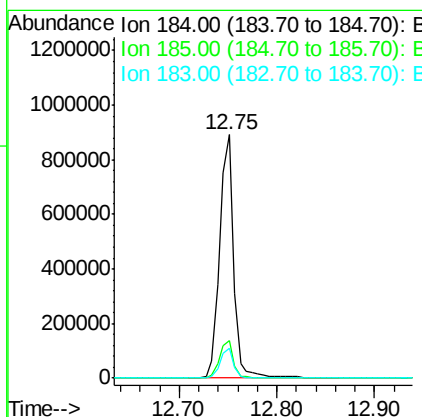
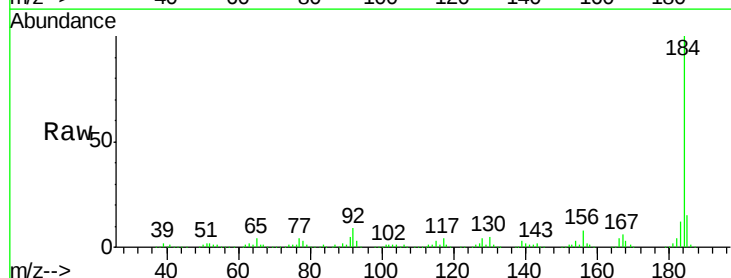
RT: 12.75 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.6	18.8
183	12.4	9.3	13.9





#77

Pvrene

Concen: 37.078 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Instrument :

BNA_F

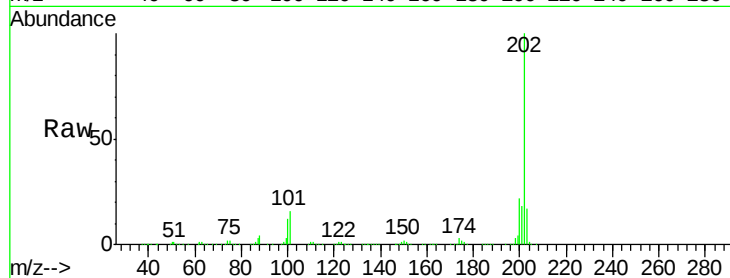
ClientSampleId :

SSTDCCC040

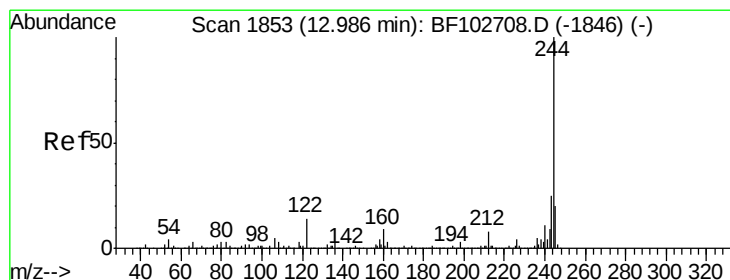
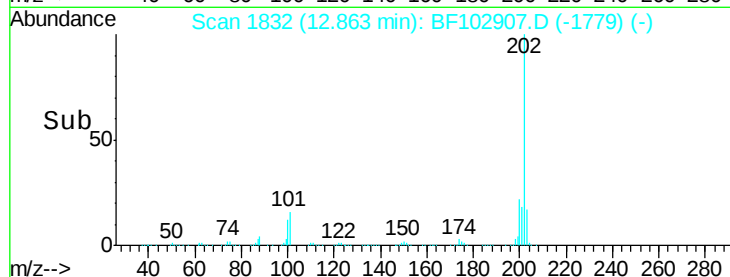
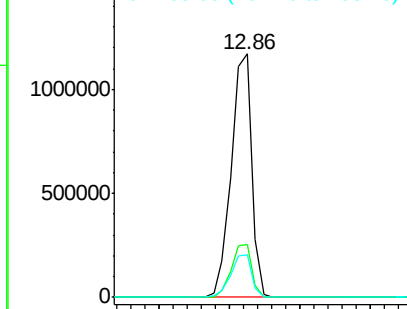
Tot Ion:	202	Resp:	1185213
Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.5	14.3	21.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 72.443 ng

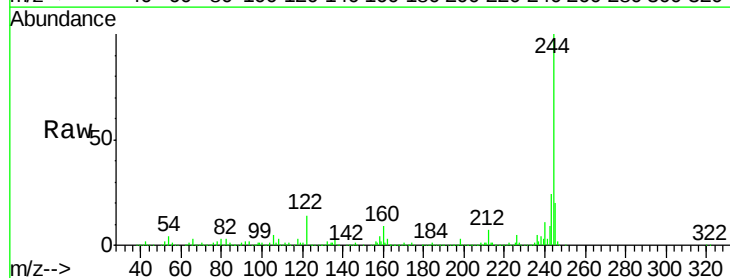
RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

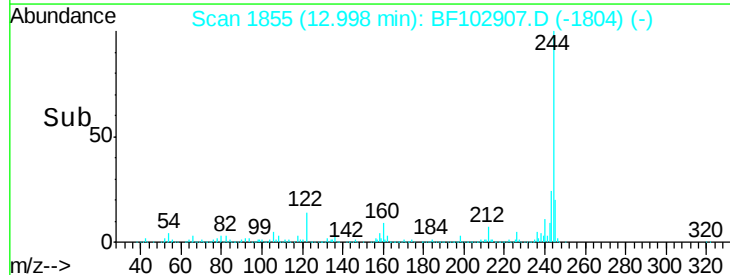
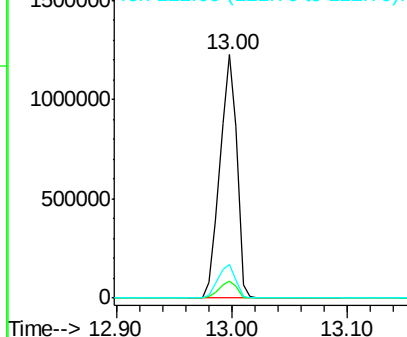
Lab File: BF102907.D

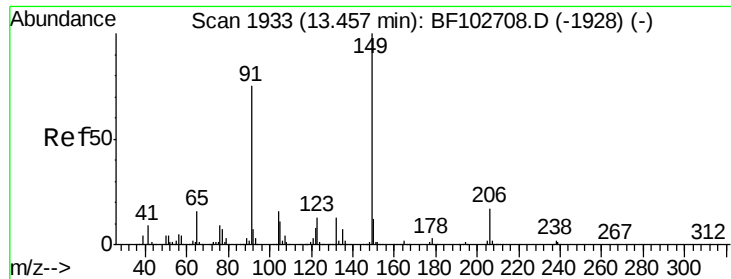
Acq: 12 Feb 2018 9:09

Tgt Ion:	244	Resp:	1247205
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.0	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





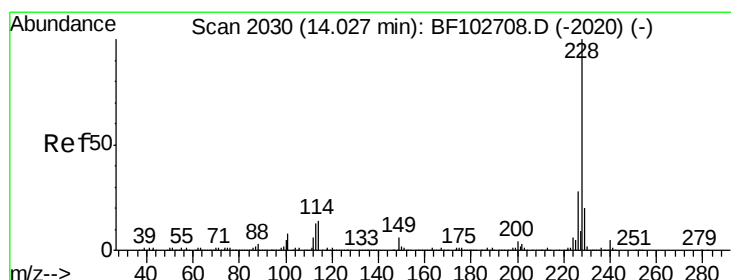
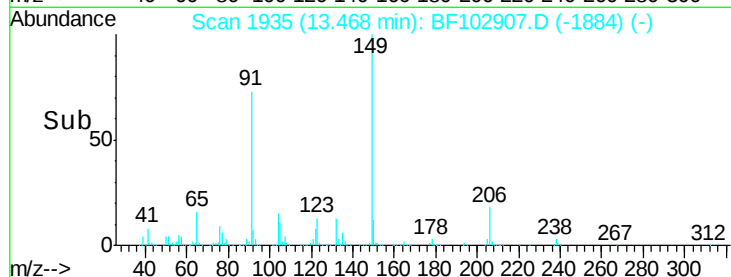
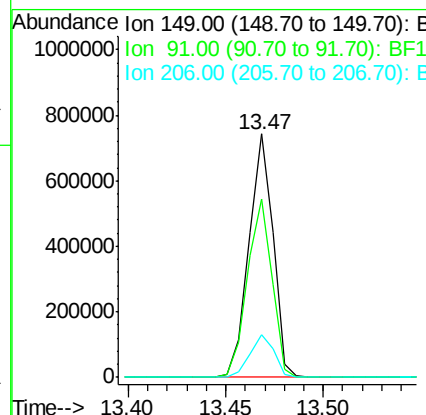
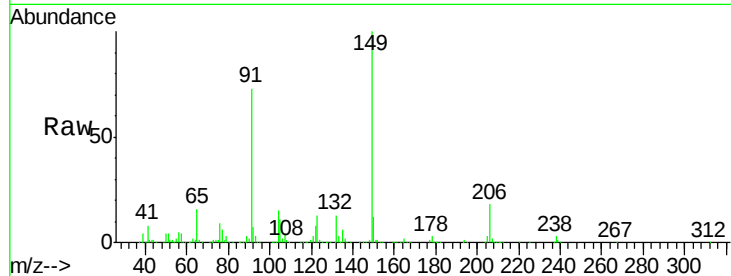
#79
Butylbenzylphthalate
Concen: 41.717 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.1	56.8	85.2
206	17.7	14.1	21.1

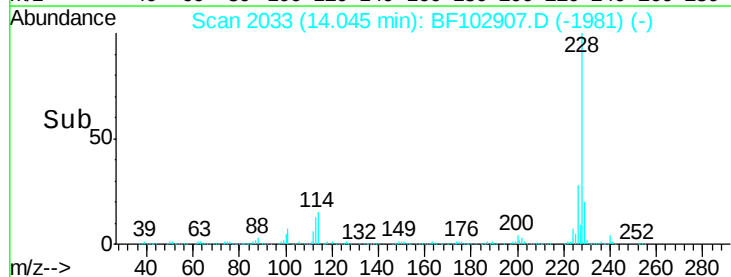
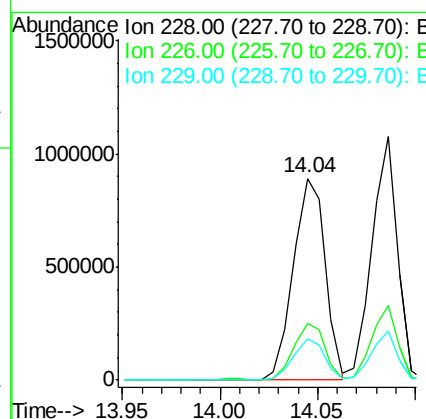
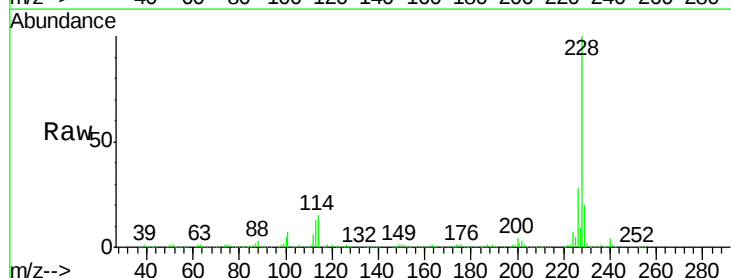
Manual Integrations
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#80
Benzo(a)anthracene
Concen: 39.253 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.4	15.8	23.6





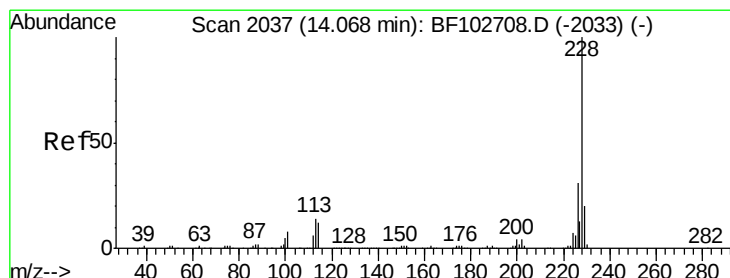
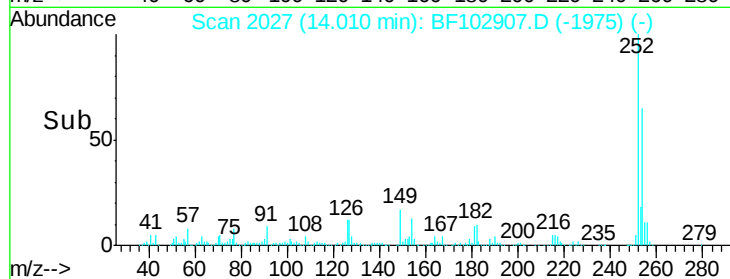
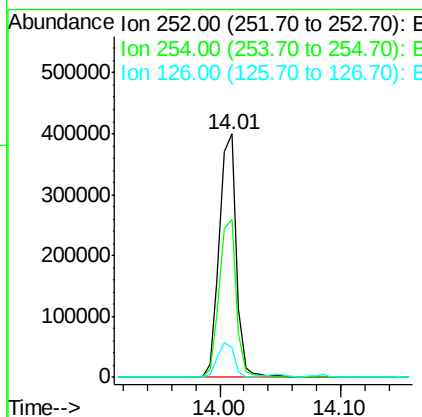
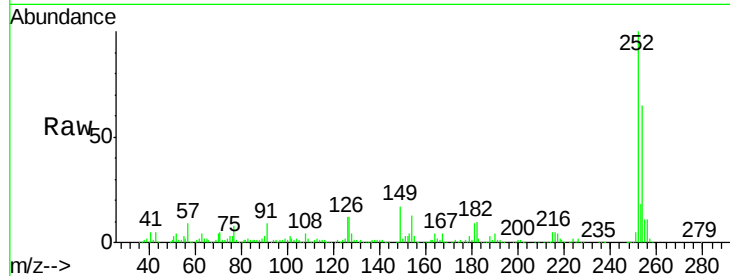
#81
 3,3'-Dichlorobenzidine
 Concen: 40.863 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.01 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	388421		
254	64.8	50.4	75.6	
126	12.1	11.3	16.9	

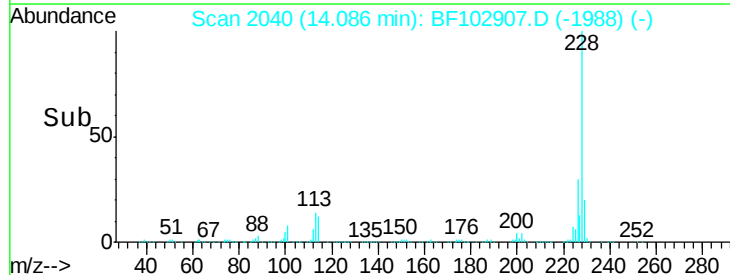
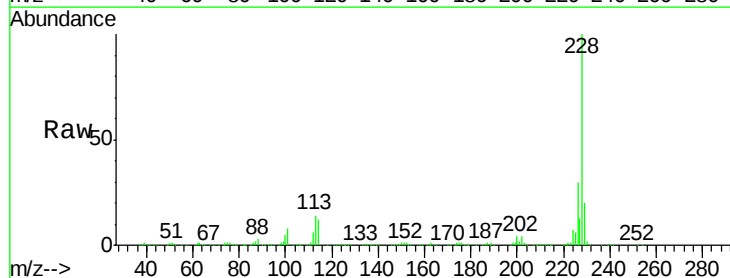
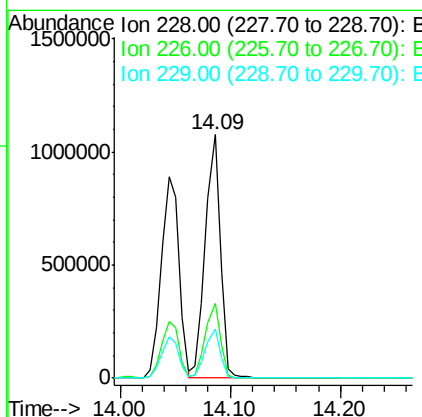
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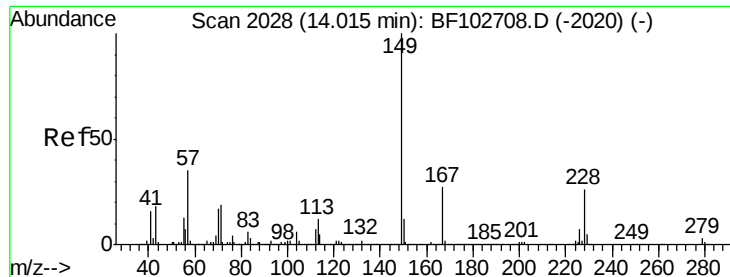
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#82
 Chrysene
 Concen: 38.215 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	987603		
226	30.5	25.0	37.6	
229	19.9	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.581 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Instrument :

BNA_F

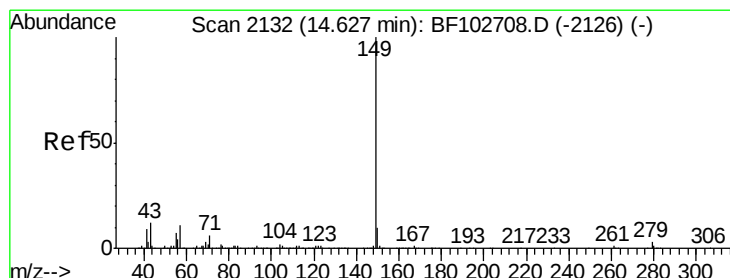
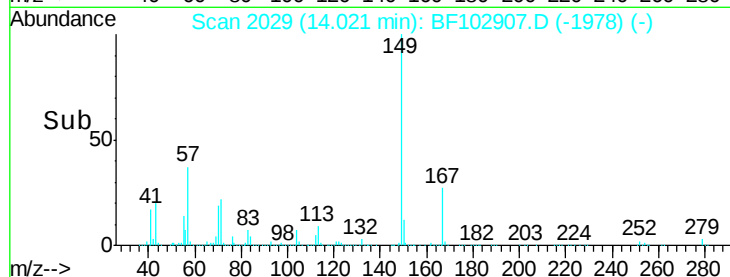
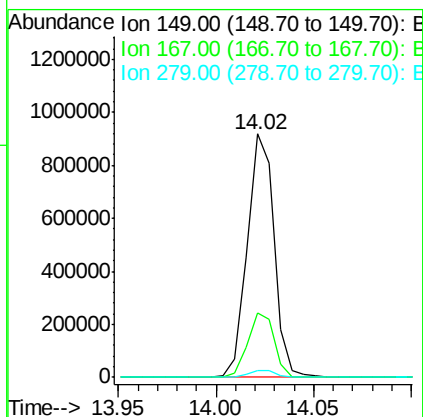
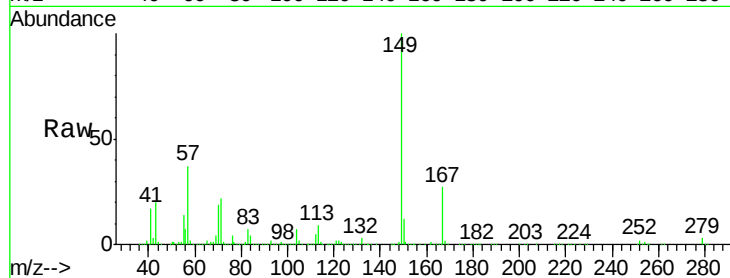
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.3	31.9
279	2.8	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 45.436 ng

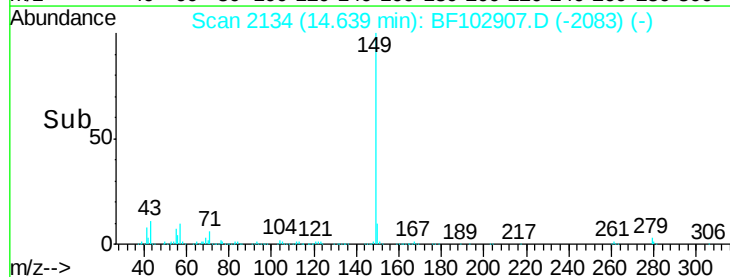
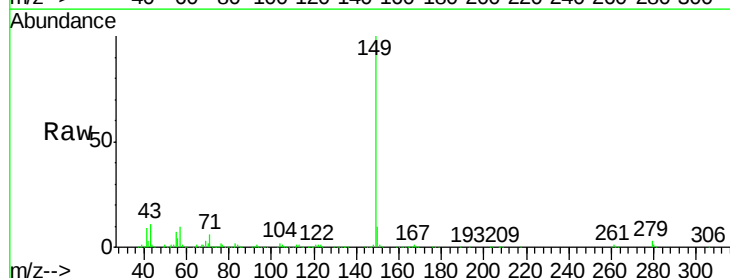
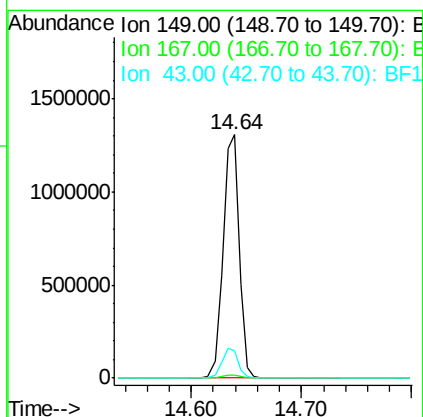
RT: 14.64 min Scan# 2134

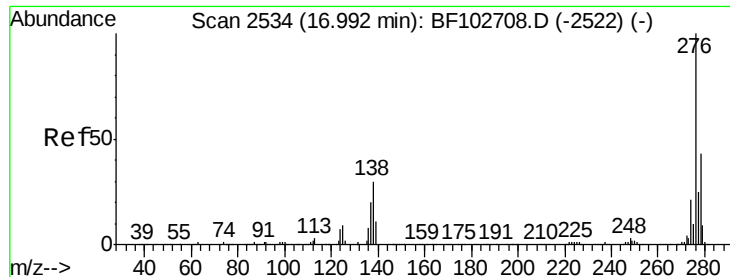
Delta R.T. -0.00 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	12.0	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.797 ng

RT: 17.04 min Scan# 2543

Delta R.T. 0.03 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Instrument :

BNA_F

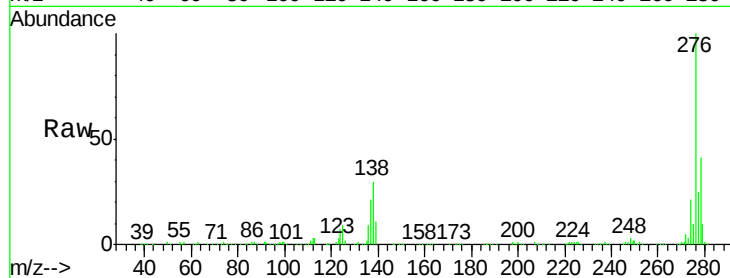
ClientSampleId :

SSTDCCC040

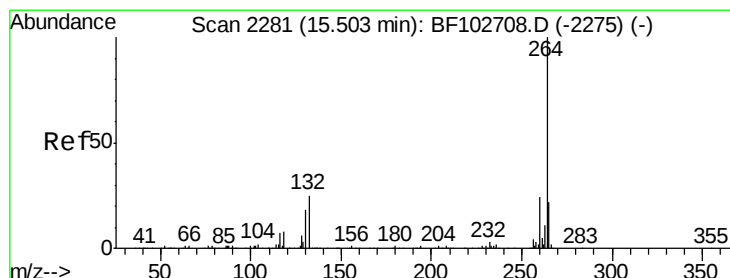
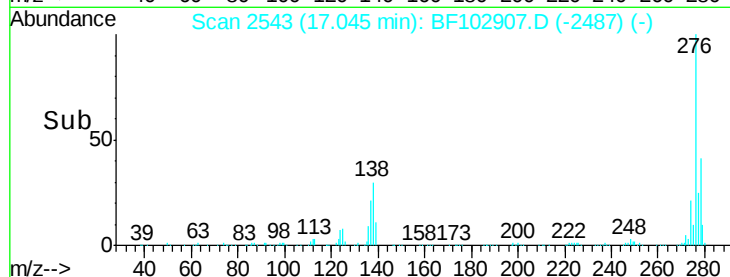
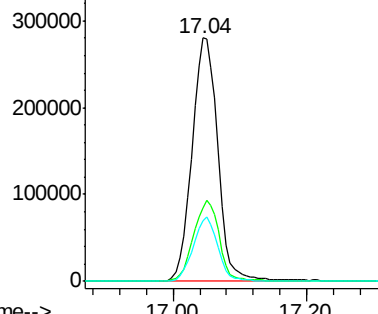
Tot Ion:	276	Resp:	767264
Ion Ratio	Lower	Upper	
276	100		
138	33.4	25.0	37.6
277	25.4	20.1	30.1

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

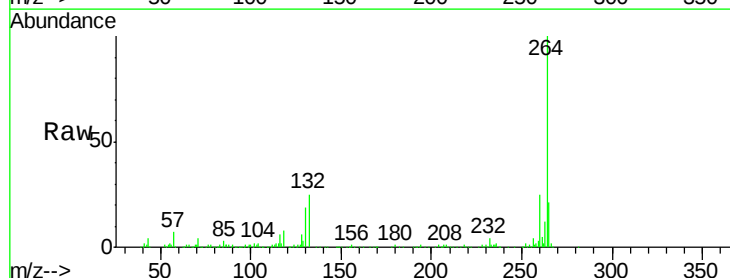
RT: 15.54 min Scan# 2287

Delta R.T. 0.01 min

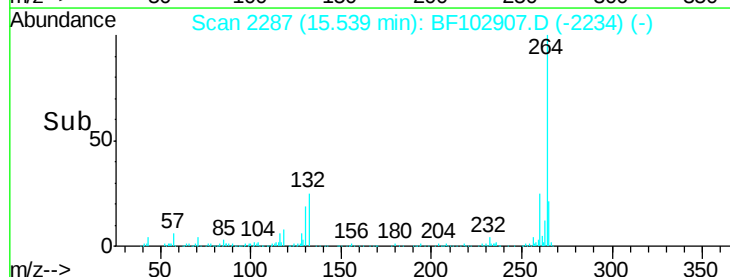
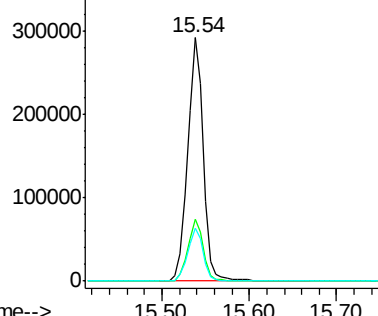
Lab File: BF102907.D

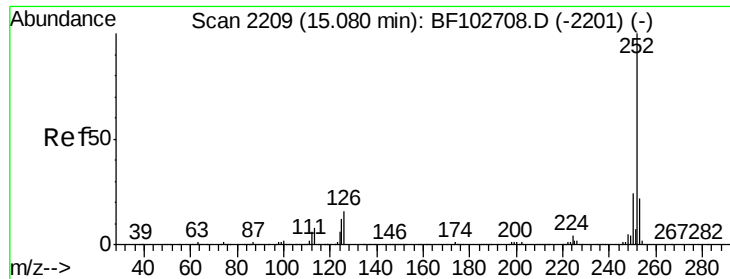
Acq: 12 Feb 2018 9:09

Tgt Ion:	264	Resp:	362747
Ion Ratio	Lower	Upper	
264	100		
260	25.5	19.2	28.8
265	21.5	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 37.625 ng

RT: 15.10 min Scan# 2213

Delta R.T. 0.01 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Instrument :

BNA_F

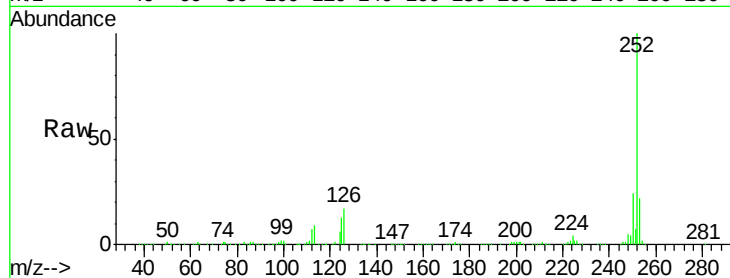
ClientSampled :

SSTDCCC040

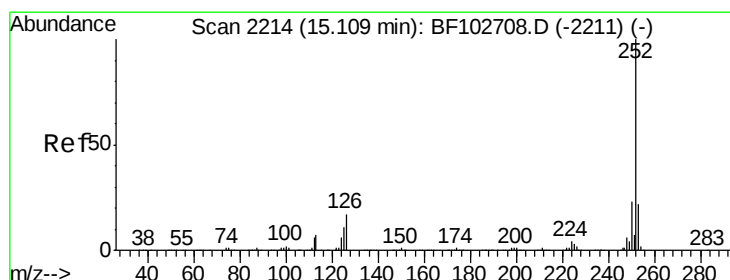
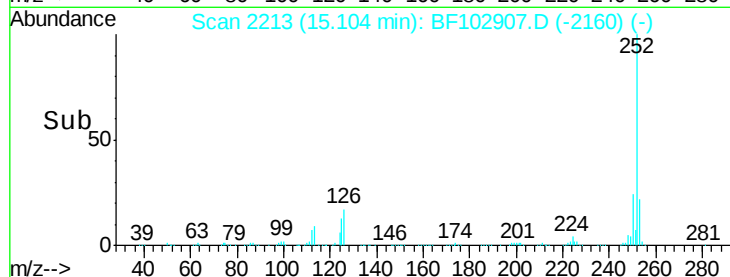
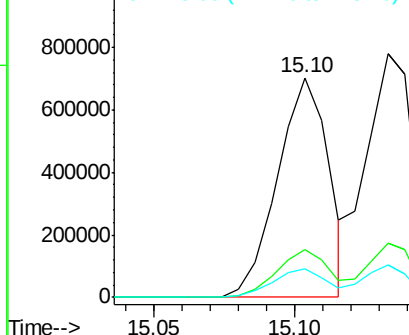
Tot Ion:	252	Resp:	884881
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.0	25.6
125	13.0	9.0	13.6

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.135 ng

RT: 15.13 min Scan# 2218

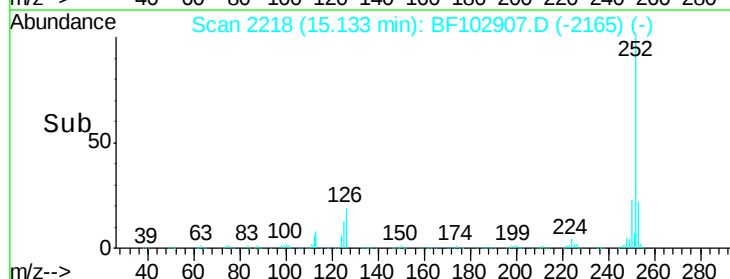
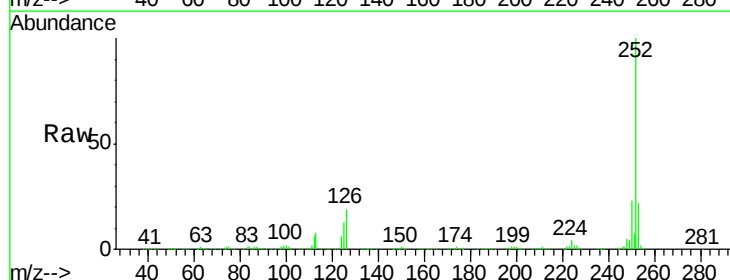
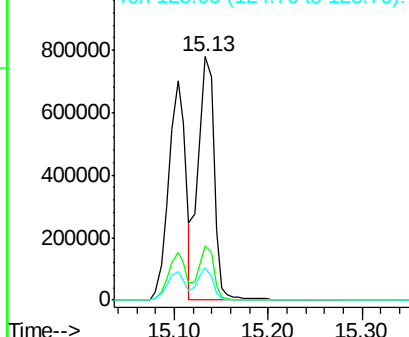
Delta R.T. 0.01 min

Lab File: BF102907.D

Acq: 12 Feb 2018 9:09

Tgt Ion:	252	Resp:	924355
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.9	26.9
125	13.2	10.2	15.2

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





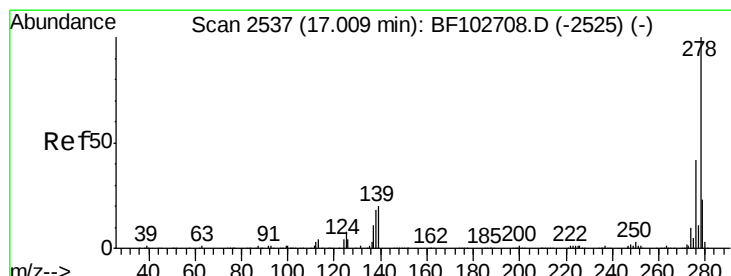
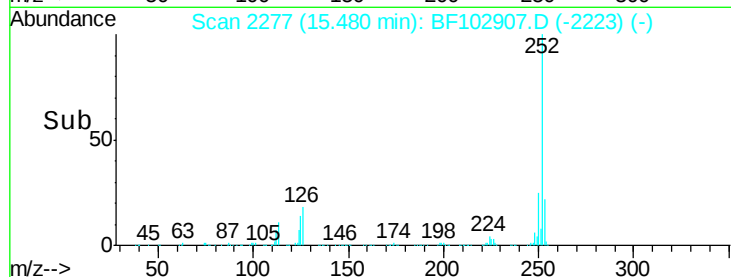
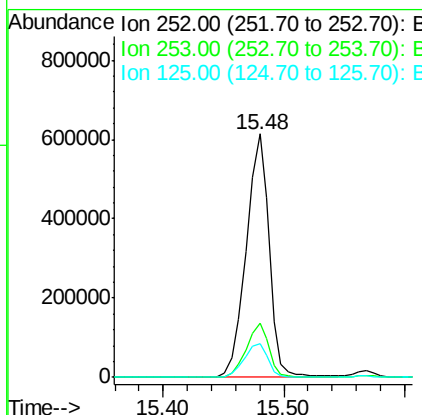
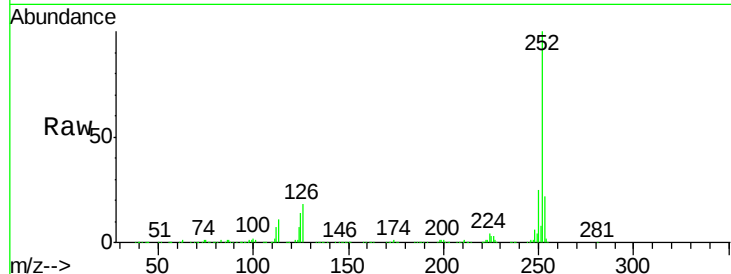
#89
Benzo(a)pyrene
Concen: 38.528 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.02 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	14.1	9.8	14.6

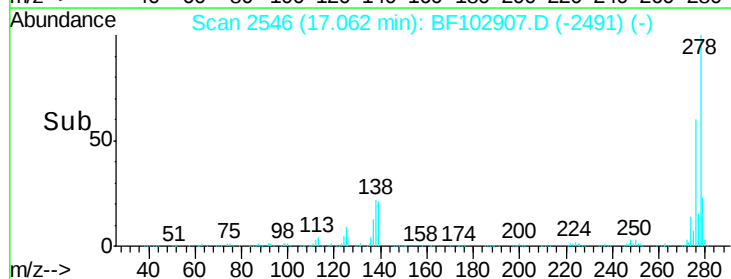
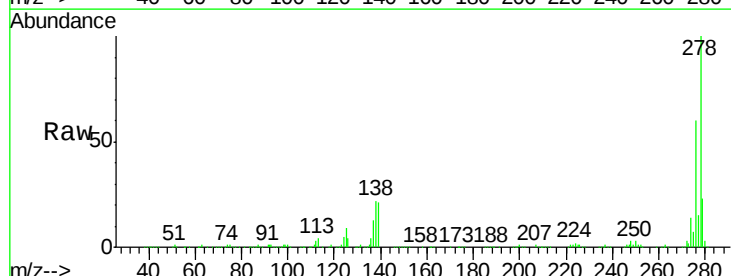
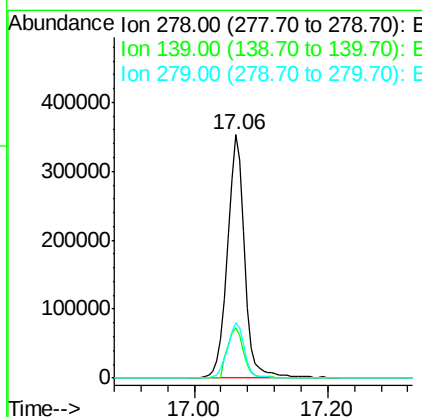
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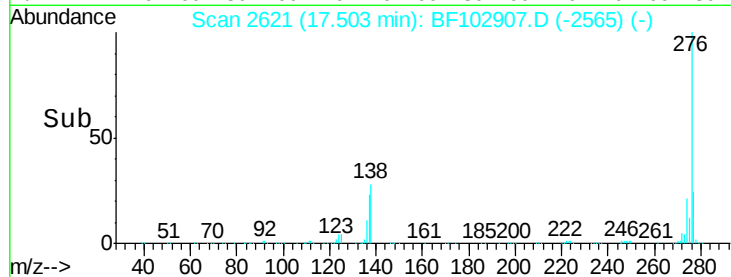
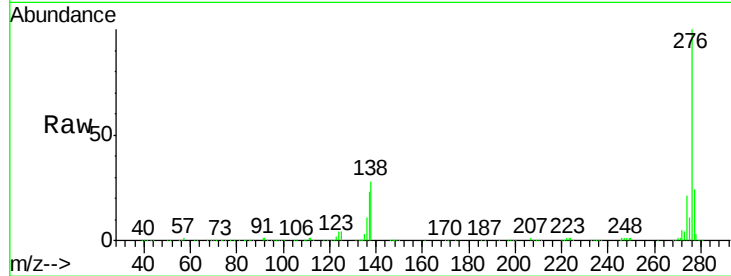
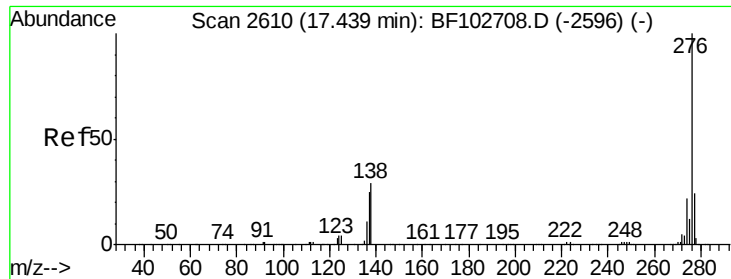
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#90
Dibenzo(a,h)anthracene
Concen: 37.666 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.02 min
Lab File: BF102907.D
Acq: 12 Feb 2018 9:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.8	15.9	23.9
279	23.0	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 38.254 ng
 RT: 17.50 min Scan# 2621
 Delta R.T. 0.03 min
 Lab File: BF102907.D
 Acq: 12 Feb 2018 9:09

Tot Ion:	276	Resp:	643358
Ion Ratio	Lower	Upper	
276	100		
277	23.7	17.9	26.9
138	28.0	21.8	32.8

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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